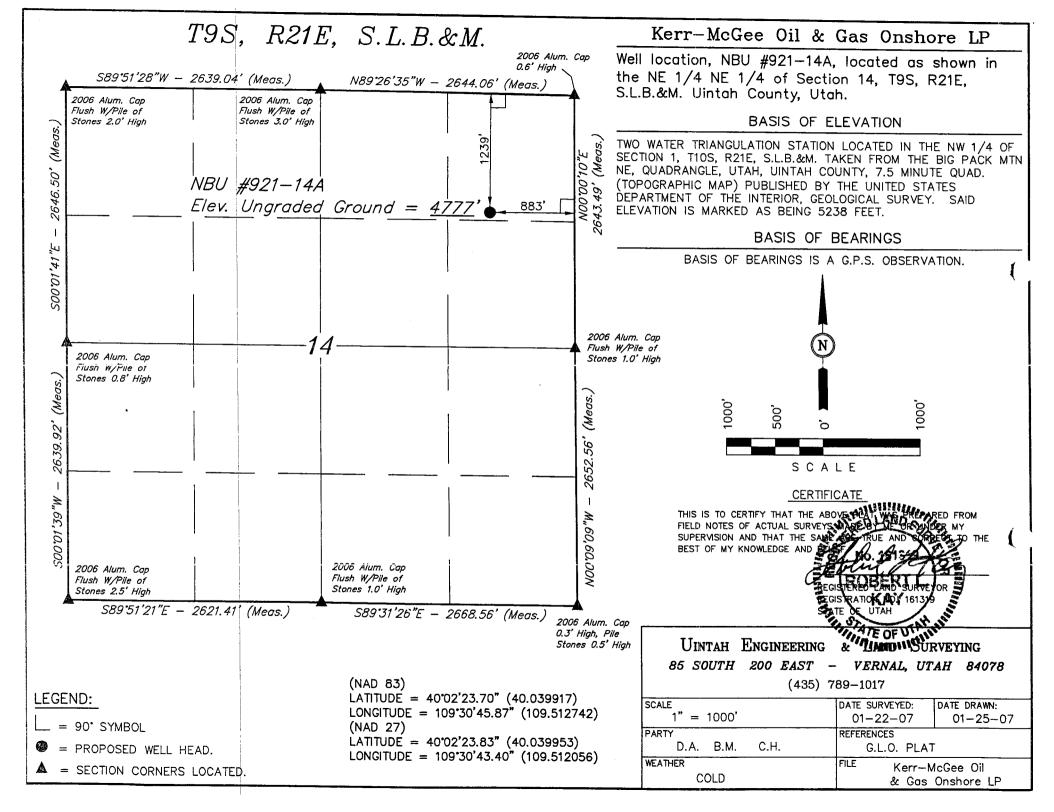
FORM APPROVED Form 3160-3 OMB No. 1004-0136 (August 1999) Expires November 30, 2000 **UNITED STATES** 5. Lease Serial No. DEPARTMENT OF THE INTERIOR UTU-01193 BUREAU OF LAND MANAGEMENT 6. If Indian, Allottee or Tribe Name APPLICATION FOR PERMIT TO DRILL OR REENTER TRIBAL SURFACE 7. If Unit or CA Agreement, Name and No. 1a. Type of Work: X DRILL REENTER UNIT #891008900A 8. Lease Name and Well No. Single Zone Multiple Zone **NBU 921-14A** X Gas Well Other b. Type of Well: Oil Well 9. API Well No. 2. Name of Operator KERR MCGEE OIL AND GAS ONSHORE LP 10. Field and Pool, or Exploratory 3b. Phone No. (include area code) 3A. Address NATURAL BUTTES 1368 SOUTH 1200 EAST VERNAL, UT 84078 (435) 781-7024 11. Sec., T., R., M., or Blk, and Survey or Area 4. Location of Well (Report location clearly and in accordance with any State requirements.* NE/NE 1239'FNL, 883'FEL 626945 K At surface SEC. 14, T9S, R21E At proposed prod. Zone 13. State 12. County or Parish 14. Distance in miles and direction from nearest town or post office UTAH UINTAH 20.4 +/- MILES FROM OURAY, UTAH 17. Spacing Unit dedicated to this well 16. No. of Acres in lease 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 40.00 1920.00 20. BLM/BIA Bond No. on file 18. Distance from proposed location* to nearest well, drilling, completed, 19. Proposed Depth REFER TO RLB0005239 9970' TOPO C applied for, on this lease, ft. 23. Estimated duration 22. Approximate date work will start* 21. Elevations (Show whether DF, KDB, RT, GL, etc.) TO BE DETERMINED UPON APPROVAL 4777'GL 24. Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form: 4. Bond to cover the operations unless covered by an existing bond on file (see 1. Well plat certified by a registered surveyor. Item 20 above) 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest System Lands, the 5. Operator certification. Such other site specific information and/or plans as may be required by the SUPO shall be filed with the appropriate Forest Service Office. Date Name (Printed/Typed) 4/19/2007 SHEILA UPCHEGO SPECIALIS Name (Printed/Typed) 26-07 BRADLEY G. HIL Title ^{Offi}environmental Manager Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Conditions of approval, if any, are attached.

*(Instructions on reverse)

RECEIVED
APR 2 3 2007

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United



NBU 921-14A NE/NE Sec. 14, T9S, R21E UINTAH COUNTY, UTAH UTU-01193

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta Green River Top of Birds Nest Water Mahogany Wasatch	0- Surface 1684' 2015' 2378' 5028'
Mesaverde	7808'
MVU2	8762'
MVL1	9331'
TD	9970'

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

Substance	<u>Formation</u> <u>D</u>			
	Green River Top of Birds Nest Water Mahogany	1684' 2015' 2378'		
Gas	Wasatch	5028'		
Gas	Mesaverde	7808'		
Gas	MVU2	8762'		
Gas	MVL1	9331'		
Water	N/A			
Other Minerals	N/A			

3. <u>Pressure Control Equipment</u> (Schematic Attached)

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

4. Proposed Casing & Cementing Program:

Please see the Natural Buttes Unit SO.P.

5. Drilling Fluids Program:

Please see the Natural Buttes Unit SOP.

6. <u>Evaluation Program</u>:

Please see the Natural Buttes Unit SOP.

7. Abnormal Conditions:

Maximum anticipated bottomhole pressure calculated at 9970' TD, approximately equals 6181 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3988 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. Anticipated Starting Dates:

Drilling is planned to commence immediately upon approval of this application.

9. Variances:

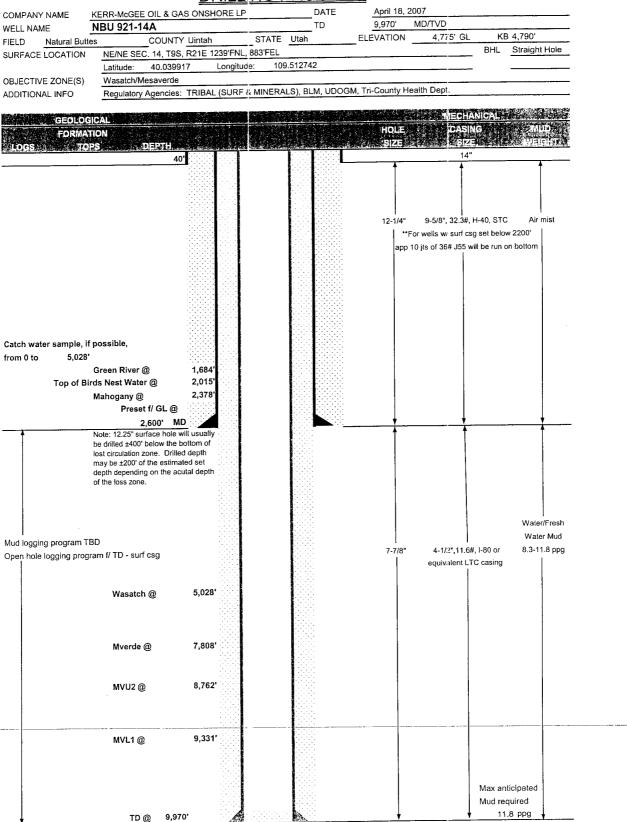
Please see Natural Buttes Unit SOP.

10. Other Information:

Please see Natural Buttes Unit SOP.



KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM





KERR-McGEE OIL & GAS ONSHORE LP

DRILLING PROGRAM

CASING PROGRAM

										e) i se
	TO SIZE OF	l i	MERV	in the second	第 17条	JORN JU	E PER SE		ologicaliza	MOIBNAID
CONDUCTOR	14"		0-40'					2270	1370	254000
SURFACE	9-5/8"	0	to	2200	32.30	H-40	STC	0.58****** 3520	1.33 2020	3.45 564000
	9-5/8"	2200	to	2600	36.00	J-55	STC	1.15*****	1.66	7.67
PRODUCTION	4-1/2"	0	to	9970	11.60	1-80	LTC	7780 1.98	6350 1.04	201000 1.99

¹⁾ Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressu e at next csg point-(0.22 psi/ft-partial evac gradient x TVD or next csg point)

2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD = 11.8 ppg)

.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

MASP

3924 psi

Burst SF is low but csg is stronger than formation at

2600 feet

EMW @ 2600 for 2270# is 16.8 ppg or 0.9 psi/ft

CEMENT PROGRAM

		PARO ARK	10 SCRIPTION	FEI DELTA	EXCES S		RECTE FOR
SURFACE	LEAD	500	Premi um cmt + 2% CaCl	215	60%	15.60	1.18
Option 1			+ .25 pps flocele				
TOP OUT CMT (1) 250		250	20 gals sodium silicate + Premium cmt	100		15.60	1.18
			+ 2% C₃Cl + .25 pps flocele				
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE			NOTE: If v/ell will circulate water to surface	e, option 2	will be util		
Option 2	LEAD	2000	Prem cmt + 16% Gel + 10 pps gilsonite	230	35%	11.00	3.82
Option 2			+.25 pps Flocele + 3% salt BWOC				
	TAIL	500	Premium cmt + 2% CaCl	180	35%	15.60	1.18
			+ .25 pps flocele				
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
		,					
PRODUCTIO	IN LEAD	4,520'	Premium Lite II + 3% KCl + 0.25 pps	490	60%	11.00	3.38
1110000110	•		celloflake + 5 pps gilsonite + 10% gel				
			+ 0.5% extender	İ			
	TAIL	5,450'	50/50 Poz/G + 10% salt + 2% gel	1520	60%	14.30	1.31
	TAIL	5,450'	+ 0.5% extender	1520	60%	14.30	

^{*}Substitute caliper hole volume plus 3% excess for LEAD if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

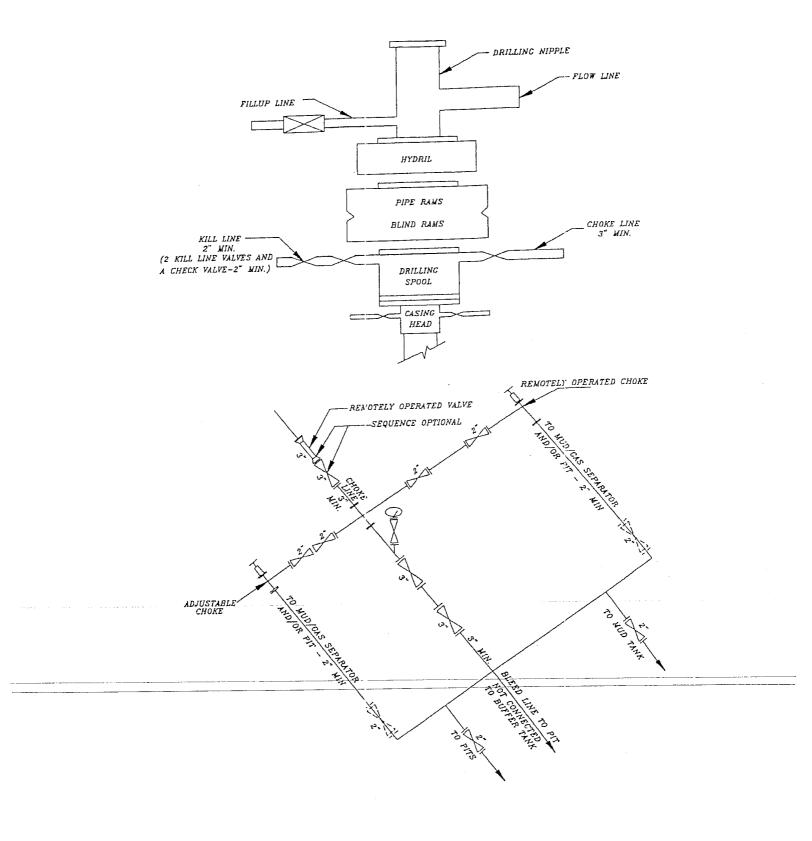
SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.	
	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow	
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tall content what con-	

ADDITIONAL INFORMATION

	Test casing head to 750 psi a	fter installing. Test surface casing to 1,500 psi prior to drilling out.	
	BOPE: 11" 5M with one annu	lar and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out.	Record on chart recorder &
	tour sheet. Function test ram	s on each trip. Maintain safety valve & inside BOP on rig floor at all times.	Kelly to be equipped with upper
	& lower kelly valves.		
	Drop Totco surveys every 200	00'. Maximum allowable hole angle is 5 degrees.	
	Most rigs have PVT Systems	for mud monitoring. If no PVT is available, visual monitoring will be utilized.	
5501110	ENCINEED:		DATE:
DRILLING	ENGINEER:	Brad Laney	•
DRILLING	SUPERINTENDENT:		DATE:
		Randy Bayne	

^{*}Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

5M BOP STACK and CHOKE MANIFOLD SYSTEM



NBU 921-14A NE/NE SEC. 13, T9S, R21E UINTAH COUNTY, UTAH UTU-01193

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Refer to the attached location directions.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

2. Planned Access Roads:

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

Approximately 260' +/- of new access road. Please refer to the attached Topo Map B.

3. <u>Location of Existing Wells Within a 1-Mile Radius:</u>

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

Please see the Natural Buttes Unit SOP.

Approximately 187' +/- of 4" pipeline is proposed from the location to an existing pipeline. Refer to Topo Map D.

Approximately 1365' +/- of high pressure pipeline is proposed from an existing pipeline to the proposed pipeline. Refer to Topo Map D.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon Brown (2.5Y 6/2), a non-reflective earthtone.

5. Location and Type of Water Supply:

Please see the Natural Buttes SOP.

6. Source of Construction Materials:

Please see the Natural Buttes SOP.

7. <u>Methods of Handling Waste Materials</u>:

Please see the Natural Buttes SOP.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E (Request is in lieu of filing Form 3160-5, after initial production).

8. Ancillary Facilities:

Please see the Natural Buttes SOP.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

Culverts will be installed where needed.

A run off diversion for drainage will be constructed where needed.

The reserve pit will be lined. When the reserve pit is closed the pit liner will be buried below plow depth.

Location size may change prior to the drilling of the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling rig. The location will be resurveyed and a form 3160-5 will be submitted.

10. Plans for Reclamation of the Surface:

Please see the Natural Buttes SOP.

11. Surface Ownership:

The well pad and access road are located on lands owned by:

Ute Indian Tribe
P.O. Box 70
Fort Duchesne, Utah 84026
(435) 722-5141

12. Other Information:

A Class III Archaeological Survey Report has been conducted for this location and submitted to the Ute Indian Tribe prior to the on-site inspection.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within boundaries of the unit.

13. Lessee's or Operator's Representative & Certification:

Sheila Ucphego Senior Land Admin Specialist Kerr-McGee Oil & Gas Onshore LP 1368 South 1200 East Vernal, UT 84078 (435) 781-7024 Randy Bayne
Drilling Manager
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435) 781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

Kerr-McGee Oil & Gas Onshore LP is considered to be the operator of the subject well. Kerr-McGee Oil & Gas Onshore LP agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Bureau of Indian Affairs Nationwide Bond #RLB0005239, Bureau of Land Management Nationwide Bold #WYB000291 and State of Utah Bonc #RLB0005237.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Mill Mill Sheila Upchego Date

Kerr-McGee Oil & Gas Onshore LP NBU #921-14A SECTION 14, T9S, R21E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 6.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN EASTERLY DIRECTION APPROXIMATELY 5.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 3.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 1.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 1.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN LEFT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE EAST; FOLLOW ROAD FLAGS IN AN EASTERLY DIRECTION APPROXIMATELY 26' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 51.4 MILES.

Kerr-McGee Oil & Gas Onshore LP

NBU #921-14A

LOCATED IN UINTAH COUNTY, UTAH SECTION 14, T9S, R21E, S.L.B.&M.

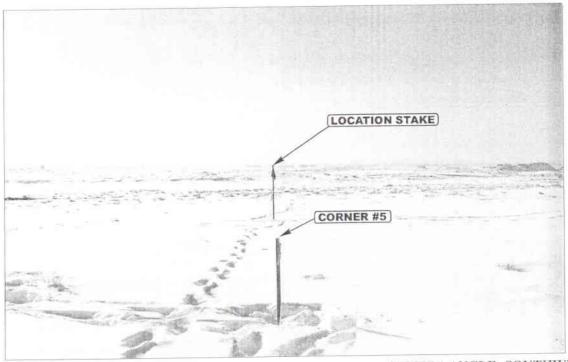


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY

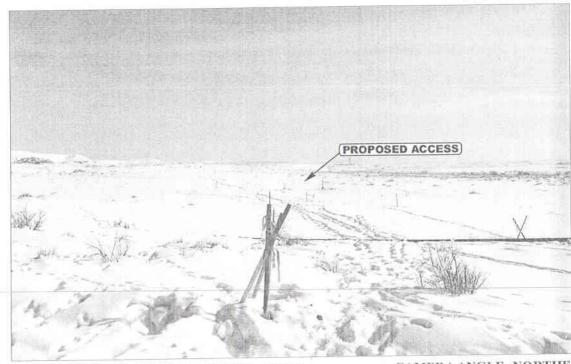


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY

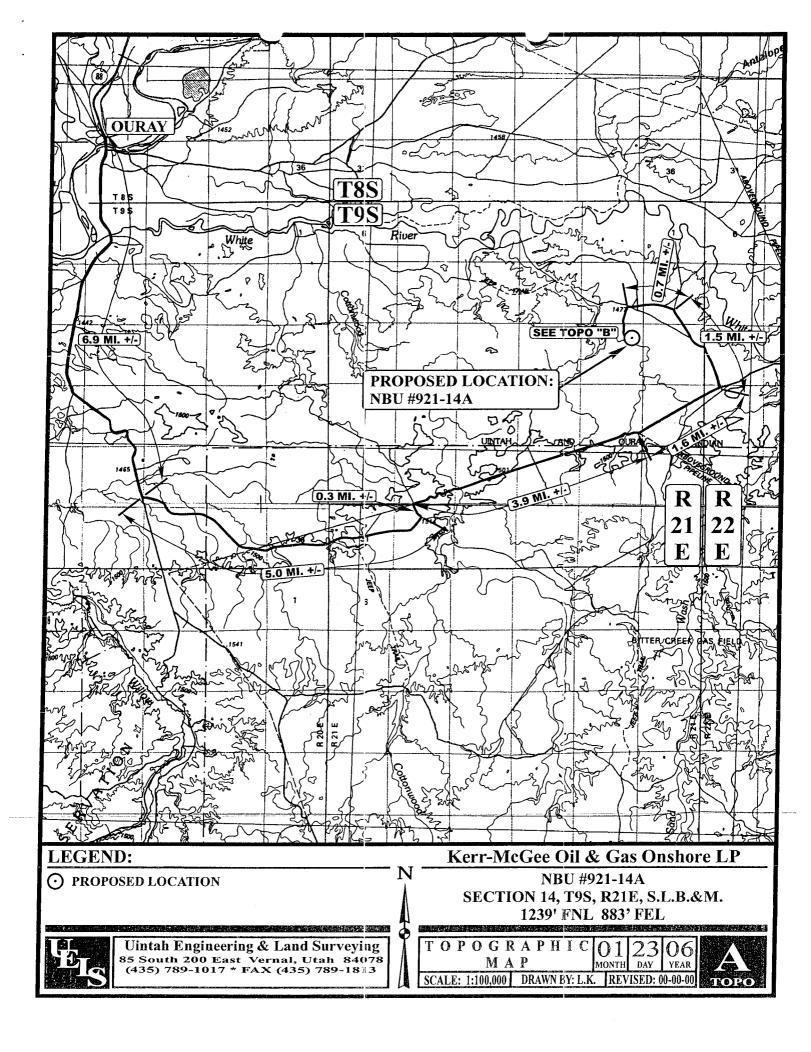


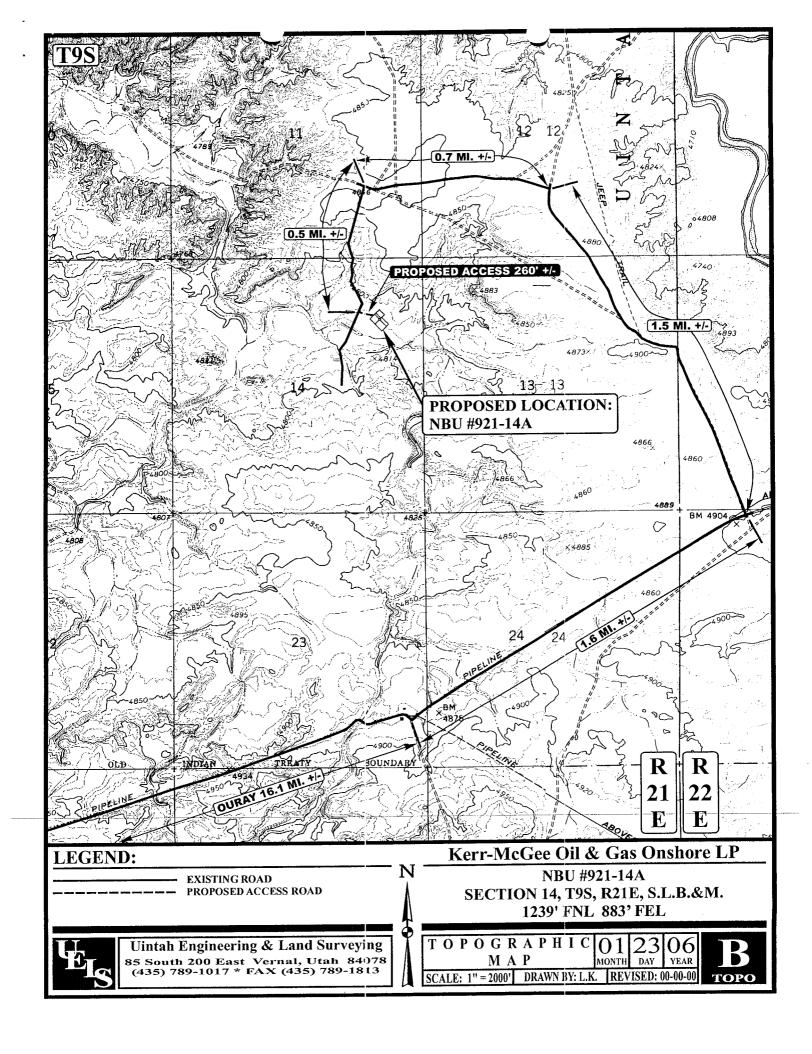
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

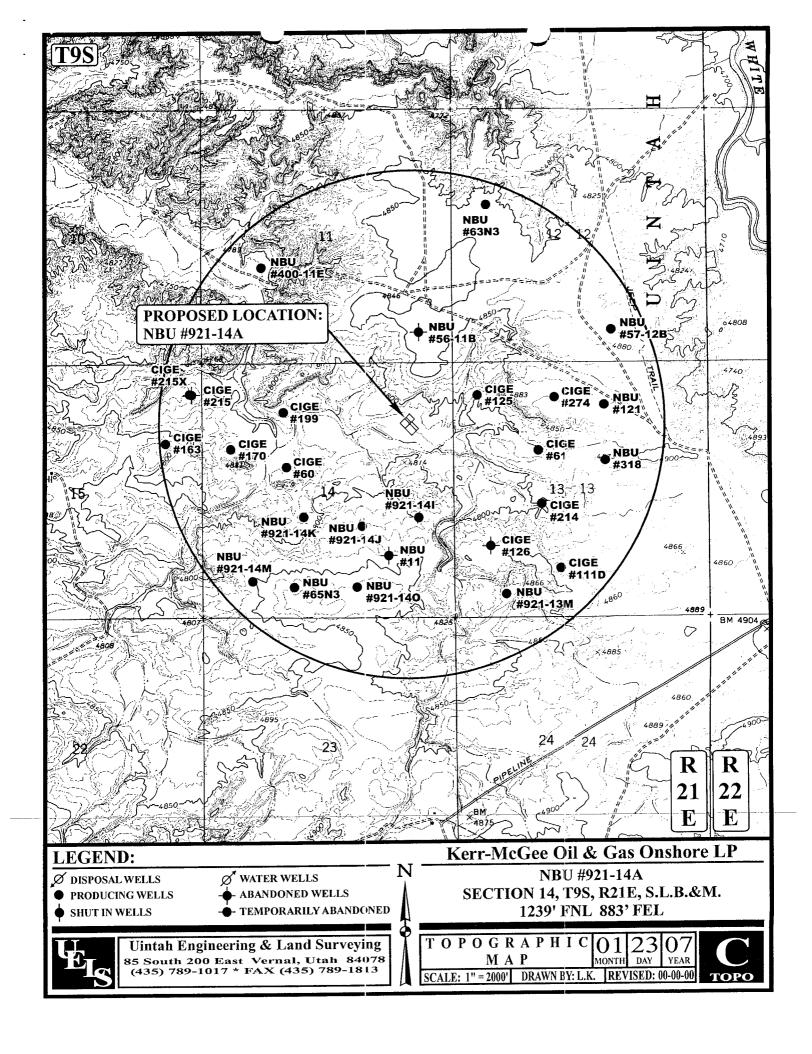
LOCATION PHOTOS

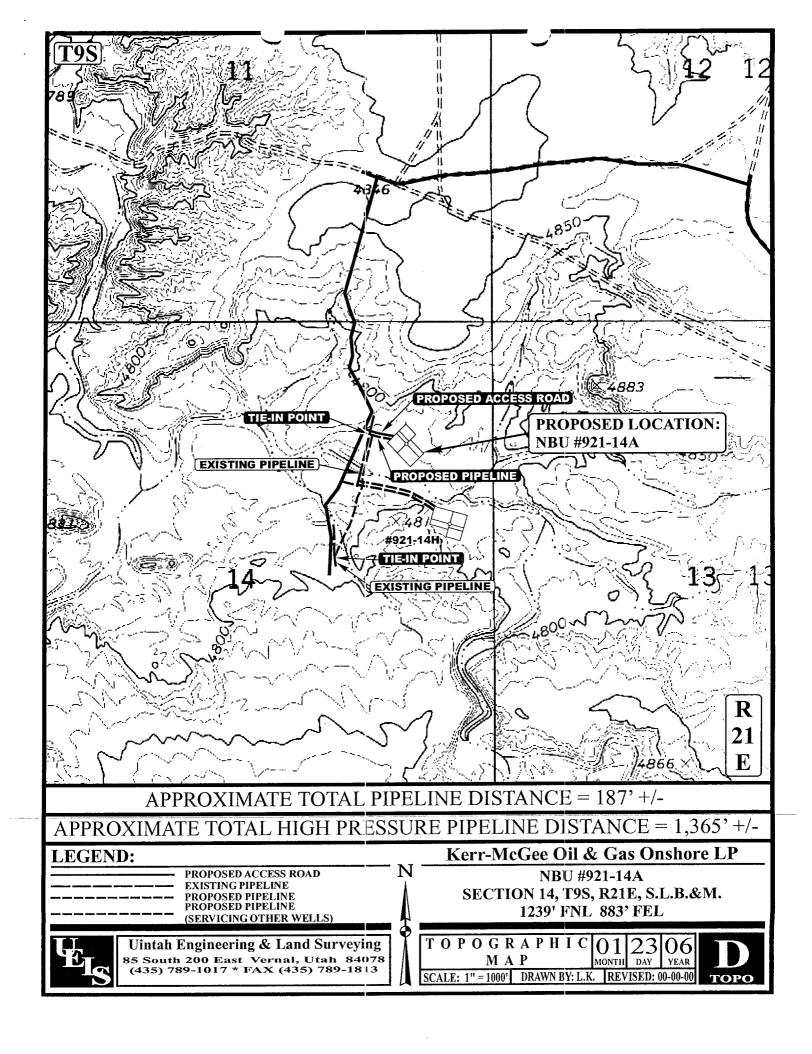
YEAR MONTH DAY

TAKEN BY: D.A. | DRAWN BY: L.K. | REVISED: 00-00-00









Kerr-McGee Oil & Gas Onshore LP NBU #921-14A PIPELINE ALIGNMENT

LOCATED IN UINTAH COUNTY, UTAH SECTION 14, T9S, R21E, S.L.B.&M.

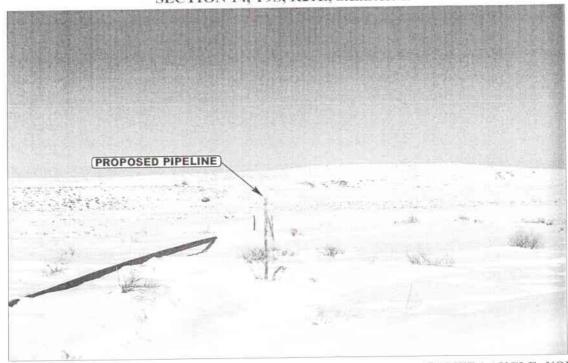


PHOTO: VIEW OF PIPELINE ALIGNMENT

CAMERA ANGLE: NORTHERLY

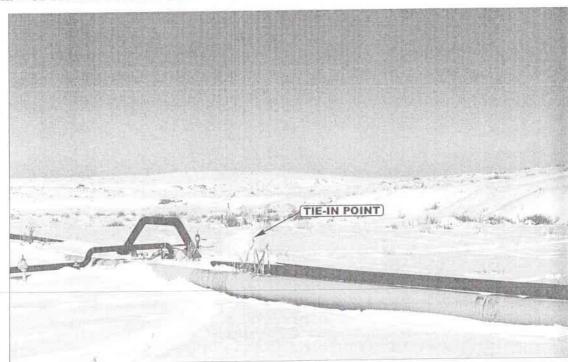


PHOTO: VIEW FROM TIE-IN POINT

CAMERA ANGLE: NORTHERLY



Uintah Engineering & Land Surveying

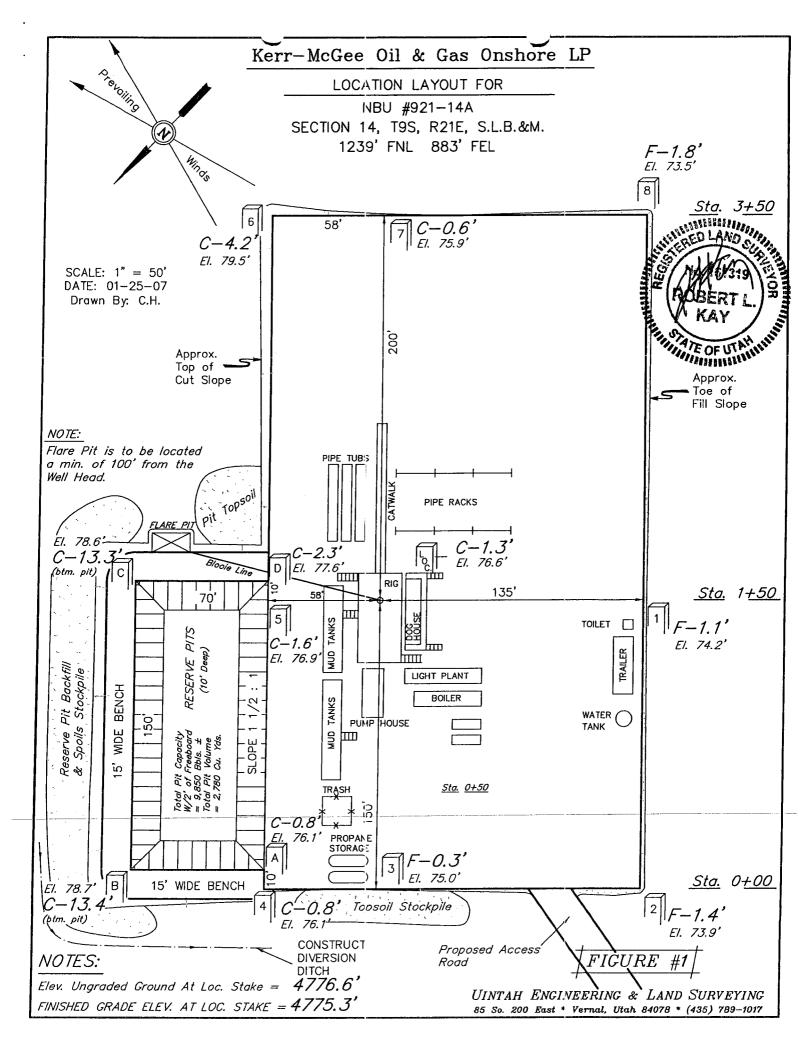
S South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

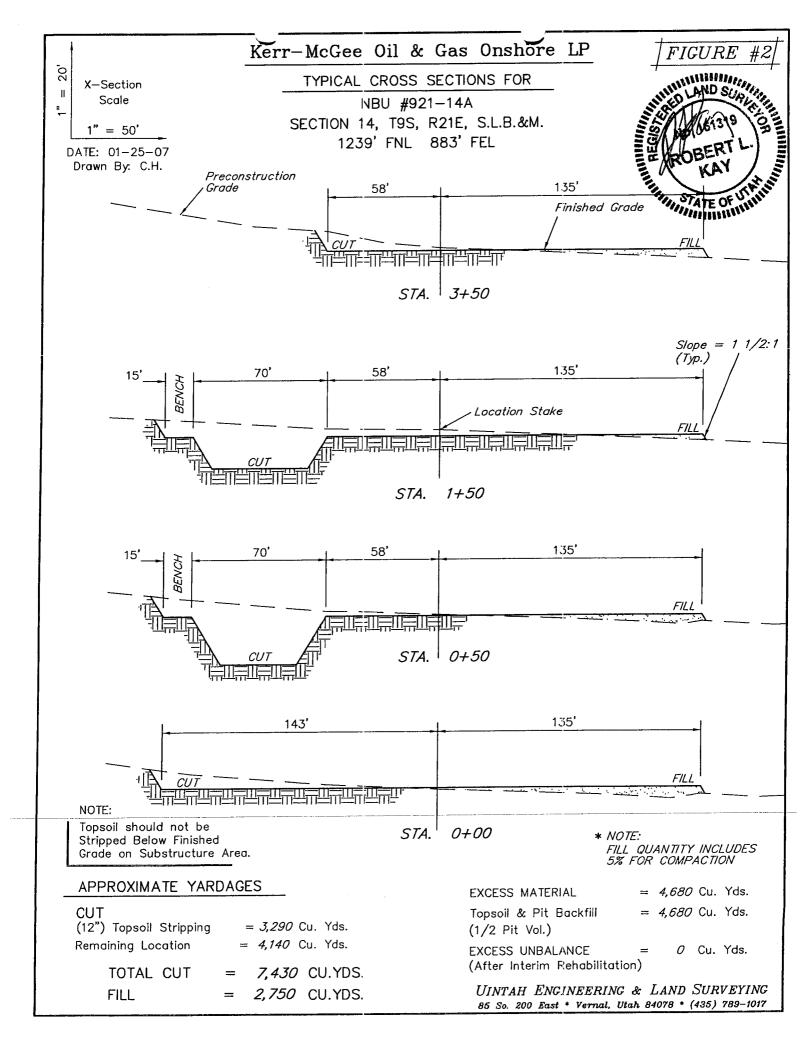
PIPELINE PHOTOS

MONTH DAY YEAR

PHOTO

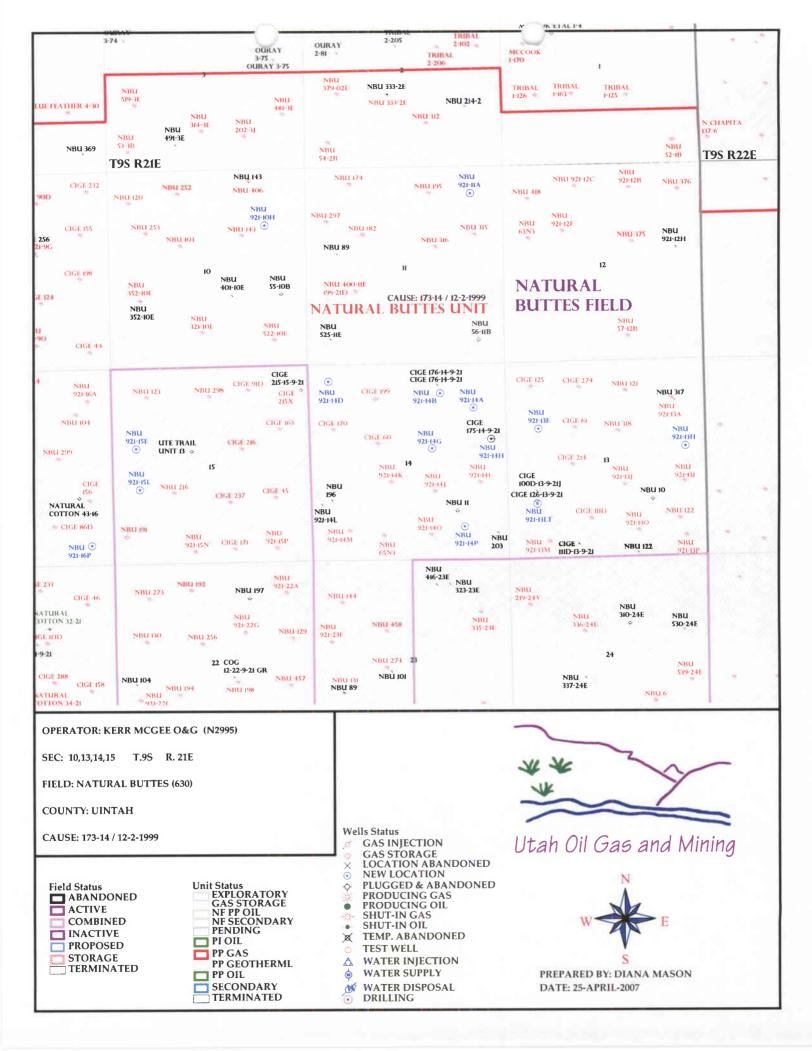
TAKEN BY: D.A. | DRAWN BY: L.K. | REVISED: 00-00-00





WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/23/2007	API NO. ASSIGNED: 43-047-39249
WELL NAME: NBU 921-14A OPERATOR: KERR-MCGEE OIL & GAS (N2995) CONTACT: SHEILA UPCHEGO	PHONE NUMBER: 435-781-7024
PROPOSED LOCATION: NENE 14 090S 210E SURFACE: 1239 FNL 0883 FEL BOTTOM: 1239 FNL 0883 FEL COUNTY: UINTAH LATITUDE: 40.03992 LONGITUDE: -109.5120 UTM SURF EASTINGS: 626945 NORTHINGS: 44330 FIELD NAME: NATURAL BUTTES (630) LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-01193 SURFACE OWNER: 2 - Indian	
Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. RLB0005239) Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 43-8496) RDCC Review (Y/N) (Date:) Fee Surf Agreement (Y/N) Intent to Commingle (Y/N)	LOCATION AND SITING: R649-2-3. Unit: NATURAL BUTTES R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells R649-3-3. Exception Drilling Unit Board Cause No: 17314 Eff Date: 13-3-44 Siting: 460 From Qtr/Qtr & 920' Between Wells R649-3-11. Directional Drill
STIPULATIONS: 1- Found Appril 2-Our Sus	N.O.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

April 25, 2007

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2007 Plan of Development Natural Buttes Unit

Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2007 within the Natural Buttes Unit, Uintah County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ Wasatch/MesaVerde)

```
43-047-39237 NBU 921-8B Sec 08 T09S R21E 0528 FNL 2080 FEL
43-047-39238 NBU 921-8H Sec 08 T09S R21E 1870 FNL 0837 FEL
43-047-39239 NBU 921-8P Sec 08 T09S R21E 0533 FSL 0578 FEL
43-047-39240 NBU 921-9K Sec 09 T09S R21E 2633 FSL 2383 FWL
43-047-39241 NBU 921-9C Sec 09 T09S R21E 0896 FNL 1569 FWL
43-047-39254 NBU 921-16P Sec 16 T09S R21E 0537 FSL 0610 FEL
43-047-39255 NBU 921-18D Sec 18 T09S R21E 0550 FNL 0827 FWL
43-047-39256 NBU 921-21L Sec 21 T09S R21E 1785 FSL 0797 FWL
43-047-39242 NBU 921-10H Sec 10 T09S R21E 1472 FNL 1104 FEL
43-047-39243 NBU 921-13H Sec 13 T09S R21E 2323 FNL 0531 FEL
43-047-39244 NBU 921-13E Sec 13 T09S R21E 1818 FNL 0851 FWL
43-047-39245 NBU 921-13LT Sec 13 T)9S R21E 1465 FSL 0792 FWL
43-047-39246 NBU 921-14B Sec 14 T09S R21E 0822 FNL 1764 FEL
43-047-39247 NBU 921-14D Sec 14 TO9S R21E 0465 FNL 0542 FWL
43-047-39248 NBU 921-14P Sec 14 T09S R21E 0878 FSL 1163 FEL
43-047-39249 NBU 921-14A Sec 14 T09S R21E 1239 FNL 0883 FEL
43-047-39250 NBU 921-14G Sec 14 T09S R21E 2319 FNL 1996 FEL
43-047-39251 NBU 921-14H Sec 14 T09S R21E 2088 FNL 0422 FEL
43-047-39252 NBU 921-15E Sec 15 T09S R21E 2184 FNL 0636 FWL
43-047-39253 NBU 921-15L Sec 15 T09S R21E 2015 FSL 0713 FWL
```

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File - Natural Buttes Unit
 Division of Oil Gas and Mining
 Central Files
 Agr. Sec. Chron
 Fluid Chron

MCoulthard:mc:4-25-07



State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

April 26, 2007

Kerr McGee Oil and Gas Onshore LP 1368 S 1200 E Vernal, UT 84078

Re: Natural Buttes Unit 921-14A Well, 1239' FNL, 883' FEL, NE NE, Sec. 14, T. 9 South, R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39249.

Sincerely,

Gil Hunt

Associate Director

Stif That

pab Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal Office

Operator:	Kerr McGee Oil and Gas Onshore LP						
Well Name & Number	<u>Natural</u>	Natural Buttes Unit 921-14A					
API Number:	43-04-7-	43-047-39249					
Lease:	UTU-0	1193					
Location: NE NE	Sec. 14	T. 9 South	R. 21 East				

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division with 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.
- 5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

RECEIVED VERNAL FIELD OFFICE

Form 3160-3 (August 1999)

2007 APR 19 AM 10: 46

FORM APPROVED OMB No. 1004-0136 Expires November 30, 2000

5. Lease Serial No.

UNITED STATES

DEPARTMENT OF THE INTERIOR EPT. OF THE INTERIOR

5. Lease Seria

UTU-01193

APPLICATION FOR PERMIT TO	6. If Indian, Allottee or Tribe Name TRIBAL SURFACE					
1a. Type of Work: X DRILL R		7. If Unit or CA Agreement, Name and No. UNIT #891008900A				
b. Type of Well: Oil Well Gas Well Other		Single Zone	Multiple Zone	8. Lease Name and Well NBU 921-14A	No.	
2. Name of Operator KERR MCGEE OIL AND GAS ONSHORE LP				9. API Well No.	39249	
3A. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078	(435) 781		de)	10. Field and Pool, or Exp	3	
4. Location of Well (Report location clearly and in accordance with At surface NE/NE 1239'FNL, 883'FEL At proposed prod. Zone		11. Sec., T., R., M., or BI SEC. 14, T9S, R21				
 Distance in miles and direction from nearest town or post office 4 +/- MILES FROM OURAY, UTAH 	*			12. County or Parish UINTAH	13. State UTAH	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of A	Acres in lease	17. Spacing Unit dec	dicated to this well		
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C	REFER TO 19. Proposed Depth 20. BLM/BIA Bond			d No. on file		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4777'GL		mate date work wil	l start*	23. Estimated duration TO BE DETERMINED		
	24. <i>A</i>	Attachments			•	
The following, completed in accordance with the requirements of Or	nshore Oil and	Gas Order No. 1, sh	nall be attached to this	form:		
1. Well plat certified by a registered surveyor.		4. Bond to co	ver the operations un	less covered by an existing b	ond on file (see	
2. A Drilling Plan.		Item 20 abo	ove).		•	
3. A Surface Use Plan (if the location is on National Forest System	Lands, the	5. Operator cer	rtification.			
SUPO shall be filed with the appropriate Forest Service Office.		6. Such other s authorized of		on and/or plans as may be re	quired by the	
25. Signatural Miller Miller 10		ne <i>(Printed/Typed)</i> EILA UPCHE		Date	4/19/2007	
SENIOR LAND ADMIN SPECIALIST						
Approved by (Signature)	Nar	me (Printed/Typed)	ATT BAKER	Date		
Assistant Teld Managar	Offi		VERNAL FI	eld office		
Application approval does not warrant or certify that the applicant h operations thereon. Conditions of approval, if any, are attached.	olds legal or eq	uitable title to those	e rights in the subject	lease which would entitle th	e applicant to conduct	
Title 18 U.S.C. Section 1001and Title 43 U.S.C. Section 1212, mak States any false, fictitious or fraudulent statements or representation		-		ike to any department or age	ency of the United	

*(Instructions on reverse)

NOTICE OF APPROVAL

CONDITIONS OF APPRO

FEB 2 6 2008

NONOS 076xJ4012A

DIV. OF OIL, GAS & MINING



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Kerr-McGee Oil & Gas Onshore, LP Location: NENE, Sec. 14, T9S, R21E

Well No: NBU 921-14A Lease No: UTU-01193

API No: 43-047-39249 Agreement: Natural Buttes Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:	•	(435) 781-4476	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781 -444 7	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
		Fax: (435) 781-3420	

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Construction Activity	The Ute Tribe Energy & Minerals Dept. shall be notified in writing 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion	Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion.
Spud Notice (Notify Petroleum Engineer)	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

Page 2 of 7 Well Name: NBU 921-14A

2/21/2008

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

General Surface COAs

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer AO. A report will be prepared by a BLM permitted paleontologist and submitted to the AO at the completion of surface disturbing activities.

Specific Surface COAs

- A 30' foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.
- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which
 are Monday through Thursday. The Company understands that they may be
 responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROWs.
- The Company shall assure the Ute Tribe that "ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.
- You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
- Any deviation of submitted APDs and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with appropriate authorization.
- The Company will implement "Safety and Emergency Plan." The Company's safety director will ensure its compliance.
- All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APDs and/or ROW permits/authorizations on their person(s) during all phases of construction.

Page 3 of 7 Well Name: NBU 921-14A 2/21/2008

 All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.

- All personnel should refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- The personnel from the Ute Tribe Energy & Minerals Department should be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

Page 4 of 7 Well Name: NBU 921-14A

2/21/2008

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- A surface casing shoe integrity test shall be performed.
- Production casing cement top shall be at a minimum of 200' above the surface casing shoe.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment BOPE shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded
 in the daily drilling report. Components shall be operated and tested as required by
 Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE
 pressure tests shall be performed by a test pump with a chart recorder and <u>NOT</u> by the
 rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources such as Gilsonite, tar sands, oil shale, trona, etc. to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth from KB or GL of encounter, vertical footage of the encounter and, the name of the person making the report along with a telephone number should the BLM need to obtain additional information.

Page 5 of 7 Well Name: NBU 921-14A 2/21/2008

 A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field
 Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers
 until the well is completed.
- A cement bond log CBL will be run from the production casing shoe to the <u>top of cement</u> and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 6 of 7 Well Name: NBU 921-14A

2/21/2008

OPERATING REQUIREMENT REMINDERS:

 All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" Oil and Gas Operations Report OGOR starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 303 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - o Operator name, address, and telephone number.
 - o Well name and number.
 - o Well location 1/4/4, Sec., Twn, Rng, and P.M..
 - o Date well was placed in a producing status date of first production for which royalty will be paid.
 - The nature of the well's production, i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons.
 - The Federal or Indian lease prefix and number on which the well is located;
 otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - o Unit agreement and/or participating area name and number, if applicable.
 - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees NTL 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events fires, accidents, blowouts, spills, discharges as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" BLM Form 3160-4 shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include

Page 7 of 7 Well Name: NBU 921-14A

2/21/2008

deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples cuttings, fluid, and/or gas shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field
 Office Petroleum Engineers will be provided with a date and time for the initial meter
 calibration and all future meter proving schedules. A copy of the meter calibration reports
 shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to
 the API standards for liquid hydrocarbons and the AGA standards for natural gas
 measurement. All measurement points shall be identified as the point of sale or allocation
 for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or
 workover equipment shall be removed from a well to be placed in a suspended status
 without prior approval of the BLM Vernal Field Office. If operations are to be suspended for
 more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and
 notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" Form BLM 3160-5 must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Co	mpany: KER	RR-McGEE OII	L & GA	S ONSHO	ORE, LP		····
Well Name:		NBU 921	l-14A				
Api No:	43-047-3924	49	Lea	se Type:	FEI	DERAL	
Section 14	Township_	09S Range_	21E	_County_	UI	NTAH	
Drilling Cor	ntractor	PETE MART	IN DR	LG	RIG#	BUCKET	1
SPUDDE	D:						
	Date	03/21/08					
	Time	12:00 NOON					
	How	DRY					
Drilling wi	ill Commenc	e:				:	
Reported by		LOU WELD	ON				
Telephone #		(435) 828-70	035				
Date	03/21/08	Signed	C]	HD			

Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

APR 1 5 2008

UTU-01193

5. Lease Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an			6. If Indian, A	Allottee or Tribe Name		
abandoned well. Use Form 3160-3 (APD) for such proposals.				TRIBAL SU	JRFACE	
			.,	7. If Unit or (CA/Agreement, Name and/or No.	
SUBMIT IN TRIPL	ICATE – Other instru	ctions on reverse	side	UNIT #891	008900A	
1. Type of Well					BUTTES UNIT	
Oil Well X Gas Well	Other			8. Well Name	e and No.	
2. Name of Operator				NBU 921-14A		
KERR-McGEE OIL & GAS	ONSHORE LP			9. API Well N	No.	-
3a. Address 3b. Phone No. (include area code)			e area code)	4304739249		
1368 SOUTH 1200 EAST \	(435) 781-7024		10. Field and F	Pool, or Exploratory Area		
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Descriptio	n)		NATURAL	BUTTES	
				11. County or 1	Parish, State	
NE/NE SEC. 14,. T9S, R211	E 1239'FNL, 883'FEL			UINTAH C	OUNTY, UTAH	
12. CHECK APP	PROPRIATE BOX(ES) TO	INDICATE NATURE	OF NOTICE, R	EPORT, OR C	OTHER DATA	
TYPE OF SUBMISSION		TYF	PE OF ACTION	1		_
☐ Notice of Intent ■ Subsequent Report	Acidize Alter Casing Casing Repair	Deepen Fracture Treat New Construction	Production Reclamation		☐ Water Shut-Off ☐ Well Integrity ☐ Other SET SURFACE	_
Nabsequent Report	Change Plans	Plug and Abandon	· ·	ly Abandon	CSG	-
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disp	osal		-
13. Describe Proposed or Completed Ope If the proposal is to deepen directions Attach the Bond under which the wo following completion of the involved testing has been completed. Final A	ally or recomplete horizontally, gork will be performed or provide operations. If the operation resu	tive subsurface locations and the Bond No. on file with alts in a multiple completion	d measured and tru BLM/BIA. Requing or recompletion	ne vertical depths ired subsequent re in a new interval,	of all pertinent markers and zones. Sports shall be filed within 30 days a Form 3160-4 shall be filed once	_

MIRU PROPETRO AIR RIG ON 03/31/2008. DRILLED 12 1/4" SURFACE HOLE TO 2760'. RAN 9 5/8" 36# J-55 SURFACE CSG. LEAD CMT W/250 SX HIFILL CLASS G @11.0 PPG 3.82 YIELD. TAILED CMT W/200 SX PREM CLASS G @15.8 PPG 1.15 YIELD. GOOD RETURNS THROUGH OUT JOB 25 +/-BBLS LEAD CMT TO PIT. RAN 200' OF 1" PIPE. CMT W/100 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN 1" PIPE GOOD CMT TO SURFACE AND FELL BACK. TOP OUT W/50 SX PREM CLASS RECEIVED

G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE GOOD CMT TO SURFACE HOLE STAYED FULL. WORT

determined that the site is ready for final inspection.

14. I hereby certify that the foregoing is true and correct			DIV. OF OIL, GAS & MINING
Name (Printed/Typed)	Title		
SHEILA UPCHEGO	IIN SPECIALIST		
Anature Unillian	Date April 7, 2008		
THIS S	SPACE FOR FEDERAL OR STATE	USE	
Approved by	Title	Date	
Conditions of approval, if any, are attached. Approval of this notice do certify that the applicant holds legal or equitable title to those rights in which would entitle the applicant to conduct operations thereon.			

which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any matter within its iurisdiction.

Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

UTU-01193

BUREAU OF LAND MANAGEMENT 5. Lease Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an			6. If Indian, Allottee or Tribe Name				
abandoned well. Use Form 3160-3 (APD) for such proposals.				TRIBAL SI	JRFACE		
				7. If Unit or 0	CA/Agreement, Name and/or No.		
SUBMIT IN TRIPL	ICATE – Other instruc	ctions on revers	e side	LINIT #004	0000004		
1. Type of Well				UNIT #891008900A NATURAL BUTTES UNIT			
Oil Well Gas Well	Other			8. Well Name			
2. Name of Operator	U Other			NBU 921-14A			
•	0.NO.LODE L.D						
KERR-McGEE OIL & GAS (21 21 27 6 1 1		9. API Well No.			
3a. Address		3b. Phone No. (include area code)		4304739249 10. Field and Pool, or Exploratory Area			
1368 SOUTH 1200 EAST VERNAL, UT 84078		(435) 781-7024		NATURAL BUTTES			
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)							
			11. County or Parish, State				
NE/NE SEC. 14,. T9S, R21E	: 1239'FNL, 883'FEL				UINTAH COUNTY, UTAH		
12. CHECK APP	ROPRIATE BOX(ES) TO II	NDICATE NATURE	OF NOTICE, R	EPORT, OR C	THER DATA		
TYPE OF SUBMISSION		TY	PE OF ACTION	J.			
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production Reclamation	(Start/Resume)	Water Shut-Off Well Integrity		
Subsequent Report	Casing Repair Change Plans	New Construction Plug and Abandon	Recomplete	e ly Abandon	Other FINAL DRILLING OPERATIONS		
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disp		OI LIVITONO		
FINISHED DRILLING FROM LEAD CMT W/480 SX HALC 14.3 PPG 1.31 YIELD. WAS AND MAGNICIDE TO BUMF AFTER DROPPING THE W	1 2760' TO 9870' ON 04 CO LIGHT @11.2 PPG CH LINES DROP PLUG P PLUG W/3400 PSI RI IPER PLUG. WASH ST	3.00 YIELD. TAIL DISPLACE W/15 ELEASE PSI FLO	.ED CMT W/ 52 BBLS WA ⁻ 0ATS HELD.	1305 SX 50/ TER W/CLA LOST ALL F	750 POZ @ Y STAY RETURNS		
SLIP AND CUT DRILL LINE	. CLEAN MUD PITS.				DECEIVED		
RELEASED ENSIGN RIG 12	2 ON 04/27/2008 AT 08	800 HRS.			RECEIVED WAY 0 8 2008		
14. I hereby certify that the foregoing	is true and correct	Longe			DIV. OF OIL, GAS & MINING		
Name (Printed/Typed)	_	Title SENIOR LAND		CIALICT	TIL OF OIL, GAS & I		
SHEILA UPCHEGO Signature	Tunalina)	Date	ADMIN SPE	CIALIST	DIA. C.		
Mula	MMMM	April 28, 2008					
	THIS SPACE	FOR FEDERAL OR S	STATE USE				
Approved by		Title		Date			
Conditions of approval, if any, are attached certify that the applicant holds legal or equi which would entitle the applicant to conduct	table title to those rights in the subject operations thereon.	ect lease					
Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent statemen				partment or agen	cy of the United States any		

Form 3160-5 August 1999)

TYPE OF SUBMISSION

determined that the site is ready for final in spection.

Notice of Intent

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

U٦	Γl I	I-O	11	1	9:	2
\sim					•	

If Indian, Allottee or Tribe Name

TOI	$rac{1}{2}$	C I	וחו	- A	\sim \sim
TRI	DAL	. OL	JKI	- 1	∪⊏

CUDATE N. TOIDLICATE Other in chin		7. If Unit or CA/Agreement, Name and/or No.
SUBMIT IN TRIPLICATE – Other instru	ictions on reverse side	UNIT #891008900A
1. Type of Well		NATURAL BUTTES UNIT
Oil Well X Gas Well Other		8. Well Name and No.
2. Name of Operator		NBU 921-14A
KERR-McGEE OIL & GAS ONSHORE LP		9. API Well No.
3a. Address	3b. Phone No. (include area code)	4304739249
1368 SOUTH 1200 EAST VERNAL, UT 84078	(435) 781-7024	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description	on)	NATURAL BUTTES
		11. County or Parish, State
NE/NE SEC. 14,. T9S, R21E 1239'FNL, 883'FEL		UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF ACTION

Production (Start/Resume)

Well Integrity Reclamation Alter Casing Fracture Treat Other PRODUCTION Subsequent Report Casing Repair New Construction Recomplete START-UP Change Plans Plug and Abandon Temporarily Abandon Water Disposal Final Abandonment Notice Convert to Injection Plug Back 13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days

following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has

Deepen

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 06/16/2008 AT 9:00 AM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

Acidize

RECEIVED

Water Shut-Off

JUN 18 2008

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct		
Name (Printed/Typed) Title		
SHEILA UPCHEGO SEI	NIOR LAND ADMIN SPECIA	ALIST
Signature J. J. Dat. Jun	e e 17, 2008	
THIS SPACE FOR F	EDERAL OR STATE USE	
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	
Title 18 U.S.C. Section 1001, make it a crime for any person knowingly a		ent or agency of the United States any

Wins No.: 9	4953					NBU 921	-14A				
	1.00			We	ll Ope	erations S	ummar	/ Long			1
Operator		<u> </u>		FIELD NAME		SPUD DAT		GL	КВ	ROUTE	
KERR MCGE	E OIL & GAS	ONSHORE	LP	NATURAL BUTT	ES		21/2008 DUNTY	4,775	4789	VISION	
API 430)4739249		SIAIE	UTAH			JONT	UINTAH	ROCK	IES	
Long/Lat.: 40.03		1274		Q-Q/Sect/To	wn/Range	: NENE / 14	/ 9S / 21E		Footages:	1,239.00 FNL 883.	00' FEL
					We	llbore: NBL	J 921-14A				
МТО			TVD				PBMD			PBTVD	
		EVENT A	CTIVITY:	DRILLING			START DA	TE: 3/11/2008			
EVENT INFORM	ATION:			LOPMENT				E: 4/27/2008			
				RTICAL WELL			DATE WE	LL STARTED I	PROD.: ;		
		REASON	I: MV				Event End	Status: CON	PLETE		
RIG OPERATION	NS:	Begin	Mobilizatio	n Rig On L	ocation	Rig Charges	Rig Op	eration Start	Finish Drilling	Rig Release	Rig Off Location
PETE MARTIN D	ORILLING /	UI 03	/21/2008	03/21/	2008	03/21/2008	03/	21/2008	03/21/2008	03/21/2008	03/21/2008
Date	4 9 2 2	ne -End	Duration (hr)	Phase	Code	Subco P/U de		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Opera	ation	
3/21/2008											
SUPERVISOR:	12:00 -		3.00	DRLCON	02	Р	3/21/08	DRILL AND SE	T 40' OF SCHE	PUD WELL @ 120 DULE 10 PIPE DRI	LL
							RODEN SPUD	T HOLES FOR	RIG 12 BLM AN	D STATE NOTFIE	O OF
3/31/2008	· · · · · · · · · · · · · · · · · · ·	·									
SUPERVISOR:	LEW WEL	DON									
	11:30 -	0:00	12.50	DRLSUR	02 .	Р		N AND RIG UF REPORT TIME		WELL @ 1130 HR	3/31/08
4/1/2008	100-0		· Make a Committee								
SUPERVISOR:	LEW WEL	DON									
	0:00 -	- 12:00	12.00	DRLSUR	02	Р	RIG DR	ILLING AHEAI	NO WATER 12	90'	
	12:00	. 0.00	12.00	DRLSUR	02	·P	RIG DR	ILLING AHEAI	NO WATER 18	00'	
	12.00	- 0.00	12.00	DICEGOIC	02	·					
4/2/2008		, auzan,	*******	- P	·	****	· · · · · · · · · · · · · · · · · · ·				Water and the same of the same
SUPERVISOR:	1 E/V/ /V/EI	DON									
JOI LIVIGOR.		- 12:00	12.00	DRLSUR	02	Р	RIG DR	ILLING AHEAI	O NO WATER 22	:50'	
	12:00	- 0:00	12.00	DRLSUR	02	P	RIG T/E) @ 2760' CON	IDITION HOLE 1	HR	
4/3/2008	=										
SUPERVISOR:	LEW WE	LDON									
30, 2,(1,00)(.		- 4:00	4.00	DRLSUR	05	P	TRIP D	P OUT OF HO	LE		
	4:00	- 10:00	6.00	DRLSUR	11	! P	RUN 2	708' OF 9 5/8 (SG AND 200' O	F 1" PIPE RIG DO\	WN AIR RIG

Wins No.: 9	4953					NBU	921-1	4A API No.: 4304739249
	4:00	- 10:00	6.00	DRLSUR	11		Р	RUN 2708' OF 9 5/8 CSG AND 200' OF 1" PIPE RIG DOWN AIR RIG
	10:00	- 12:00	2.00	DRLSUR	15		Р	CEMENT 1ST STAGE WITH 250 SKS LEAD @ 11# 3.82 23 GAL/SK AND 200 SKS TAIL @ 15.8# 1.15 5.0 GAL/SK GOOD RETURNS THRUOUT JOB + - 25 BBL LEAD CMT TO PIT
	12:00	- 12:30	0.50	DRLSUR	15		Р	1ST TOP JOB 100 SKS DOWN 1" PIPE GOOD CMT TO SURFACE AND FELL BACK WOC
	12:30	- 13:30	1.00	DRLSUR	15		Р	2ND TOP JOB 50 SKS DOWN BS GOOD CMT TO SURFACE AND STAYED AT SURFACE
	13:30	- 13:30	0.00	DRLSUR				NO VISIBLE LEAKS PIT 1/4 FULL RELEASE CMT CREW WORT
4/14/2008		· "Byana	•\vi(/					
SUPERVISOR:	KENNE	TH GATHING	s					
	7:30	- 0:00	16.50	RDMO	01	Α	Р	RIG DOWN EQUIPMENT TO MOVE
4/15/2008								
SUPERVISOR:	KENNE	TH GATHING	S.					
	0:00	- 6:00	6.00	RDMO	01	E	Р	RIG DOWN EQUIPMENT / WAIT ON DAYLIGHT TO MOVE
	6:00	- 16:00	10.00	RDMO	01	Α	Р	MOVE IN & SET EQUIPMENT
	16:00	- 0:00	8.00	RDMO	01	В	Р	RIG UP EQUIPMENT / RAISE DERRICK
4/16/2008	··· · ··· · ····						<u></u>	
SUPERVISOR:	KENNE	TH GATHING	ss					
	0:00	- 8:30	8.50	MIRU	01	В	Р	RIG UP EQUIPMENT
	8:30	- 12:30	4.00	MIRU	13	Α	Р	NIPPLE UP B.O.P. EQUIPMENT / RIG UP GAS BUSTER / LAY FLARE LINES
	12:30	- 18:00	5.50	MIRU	13	С	Р	PRESSURE TEST B.O.P.EQUIPMENT AS REQUIRED
	18:00	- 18:30	0.50	MIRU	13	В	Р	INSTALL WEAR BUSHING
	18:30	- 23;00	4.50	MIRU	05	Α	Р	SAFETY MEETING / M.I.R.U. T-REX EQUIPMENT / PICK UP B.H.A. + DRILL PIPE TO TAG @ 2635'
		18:30 23:00	0.00 4.50		05	A	Р	SAFETY MEETING / M.I.R.U. T-REX EQUIPMENT / PICK UP B.H.A. + DRILL PIPE TO TAG @ 2635'
		18:30 23:00	0.00 4.50		05	Α	Р	SAFETY MEETING / M.I.R.U. T-REX EQUIPMENT / PICK UP B.H.A. + DRILL PIPE TO TAG @ 2635'
	23:00	18:30 - 23:30	0.00 0.50	MIRU	13	В	Р	INSTALL ROTATING RUBBER & BREAK CIRCULATION

Vins No.: 9	23:00 - 23:30	0,50	MIRU	13	В	J 921-1 P	4304739249 INSTALL ROTATING RUBBER & BREAK CIRCULATION
	23:30 - 0:00	0.50	MIRU	02	F	P	DRILL CEMENT + FLOAT EQUIPMENT
	25.50	0.00				·	
/17/2008				···		·	
SUPERVISOR:	KENNETH GATHINGS						
	0:00 - 1:00	1.00	DRLPRO	02	F	Р	DRILL CEMENT + FLOAT EQUIPMENT (TAG CEMENT @ 2635')
	1:00 - 2:00	1.00	DRLPRO	02	В	Р	DRILL F/ 2760' - T/ 2858' (98' @ 98 fph) 34 vis / 8.4 ppg
	2:00 - 2:30	0.50	DRLPRO	09	Α	Р	WIRELINE SURVEY @ 2783' - 1.09 deg
	2:30 - 7:30	5.00	DRLPRO	02	В	P	DRILL F/ 2858' - T/ 3330' (472' @ 94.4 fph) 37 vis / 8.5 ppg
	7:30 - 8:00	0.50	DRLPRO	09	Α	Р	WIRELINE SURVEY @ 3250' - 2.39 deg
	8:00 - 15:00	7.00	DRLPRO	02	В	Р	DRILL F/ 3330' - T/ 3834' (504' @ 72.0 fph) 31 vis / 8.9 ppg
	15:00 - 15:30	0.50	DRLPRO	06	Α	Р	SERVICE RIG & EQUIPMENT / FUNCTION PIPE RAMS
	15:30 - 16:00	0.50	DRLPRO	09	Α	P	WIRELINE SURVEY @ 3760' - 2.46 deg
	16:00 - 0:00	8.00	DRLPRO	02	В	Р	DRILL F/ 3834' - T/ 4271 (437' @ 54.6 fph) 37 vis / 9.2 ppg
4/18/2008		···			W-184		
SUPERVISOR:	KENNETH GATHINGS						
	0:00 - 10:00	10.00	DRLPRO	02	В	Р	DRILL F/ 4271' - T/ 4837' (566' @ 56.6 fph) 42 vis / 9.3 ppg
	10:00 - 10:30	0.50	DRLPRO	09	Α	Р	WIRELINE SURVEY @ 4760' - 2.96 deg
	10:30 - 15:30	5.00	DRLPRO	02	В	Р	DRILL F/ 4837' - T/ 4994' (157' @ 31.4 fph) 45 vis / 9.4 ppg
	15:30 - 16:00	0.50	DRLPRO	06	Α	Р	SERVICE RIG & EQUIPMENT / FUNCTION TEST PIPE RAMS
	16:00 - 0:00	8.00	DRLPRO	02	В	Р	DRILL F/ 4994' - T/ 5231' (237' @ 29.6 fph) 43 vis / 9.5 ppg
4/19/2008			· · · · · · · · · · · · · · · · · · ·		-		
SUPERVISOR:	KENNETH GATHINGS 0:00 - 8:00	8.00	DRLPRO	02	В	Р	DRILL F/ 5231' - T/ 5497' (266' @ 33.25 fph) 46 vis / 9.6 ppg
	8:00 - 8:30	0.50	DRLPRO	09	Α	Р	WIRELINE SURVEY @ 5415 - 2.65 deg

Wins No.:	94953		en partir de la companya de la comp			NB	U 921-1	4A API No.: 4304739249
	8:00	- 8:30	0.50	DRLPRO	09	Α	Р	WIRELINE SURVEY @ 5415 - 2.65 deg
	8:30	- 15:0		DRLPRO	02	В		DRILL F/ 5497' - T/ 5685' (188" @ 28.9 fph) 46 vis / 9.6 ppg (B.O.P. DRILL)
	15:00	- 15:3	0.50	DRLPRO	06	Α	Р	SERVICE RIG & EQUIPMENT / FUNCTION PIPE RAMS
	15:30	- 0:0	0 8.50	DRLPRO	02	В	P	DRILL F/ 5685' - T/ 5974' (290' @ 34.11 fph) 44 vis / 9.8 ppg
4/20/2008	-						· · · · · · · · · · · · · · · · · · ·	
SUPERVISOR:	KENNE	TH GAT	HINGS					
		- 9:0		DRLPRO	02	В	Р	DRILL F/ 5975' - T/ 6214' (239' @ 26.5 FPH) 46 VIS / 10.0 PPG
	9:00	- 9:3	0 0.50	DRLPRO	04	С	Р	CIRCULATE & CONDITION HOLE FOR TRIP / PUMP WEIGHT PILL / DROP SURVEY
	9:30	- 13:3	30 4.00	DRLPRO	05	Α	P	P.O.O.H. FOR BIT #2 / CHECK MOTOR / CHANGE OUT BITS / RETRIEVE SURVEY TOOL
	13:30	- 14:0	0.50	DRLPRO	06	Α	Р	SERVICE RIG & EQUIPMENT
	14:00	- 17:0	3.00	DRLPRO	05	Α	Р	T.I.H. BREAKING CIRCULATION @ SELECTED INTERVALS
	17:00	- 17:3	30 0.50	DRLPRO	03	D	Р	PRECAUTIONARY REAM 60' TO BOTTOM W/ 3' OF FILL
	17:30	- 0:0	0 6.50	DRLPRO	02	В	Р	DRILL F/ 6214' - T/ 6555' (341' @ 52,4 fph) 44 vis / 10.1 ppg
4/04/0009		_						
4/21/2008	KENNE	TI	TUNCS	· · · ·				
SUPERVISOR:		- 14:		DRLPRO	02	В	Р	DRILL F/ 6555' - T/ 7192' (637' @ 45.5 fph) 44 vis / 10.2 ppg
	14:00	- 14:	30 0.50	DRLPRO	06	Α	Р	SERVICE RIG & EQUIPMENT / FUNCTION PIPE RAMS
	14:30	- 0:0	9.50	DRLPRO	02	В	Р	DRILL F/ 7192' - T/ 7555' (363' @ 38.2 fph) 43 vis / 10.3 ppg
4/22/2008							····· <u>·</u>	
SUPERVISOR		TH GA - 12:		DRLPRO	· 02	В	Р	DRILL F/ 7555' - T/ 8070' (515' @ 42.9 fph) 46 vis / 10.5 ppg
	12:00	- 12:	30 0.50	DRLPRO	06	Α	Р	SERVICE RIG & EQUIPMENT
	12:30	- 0:0	00 11.50	DRLPRO	02	В	P	DRILL F/ 8070' - T/ 8460' (390' @ 33.9 fph) 44 vis / 10.6 ppg

Wins No.: 9	4953	en general grafe Garage en la grafe				NBU	J 921-1	4A API No.: 4304739249
4/23/2008					•			
SUPERVISOR:	BRUCE	TAYLOR						
	0:00	- 1:00	1.00	DRLPRO	02	В	Р	DRILL 8460' -8511' (51') 51'/HR. 18/20K WOB, 110 BIT RPM, 10.8/45
	1:00	- 1:30	0.50	DRLPRO	06	Α	Р	SERVICE RIG, FUNCTION PIPE RAMS.
	1:30	- 13:00	11.50	DRLPRO	02	В	Р	DRILL 8511'-8921' (410') 35.6'/HR. 18/20K WOB, 110 BIT RPM, 11.0/45
	13:00	- 13:30	0.50	DRLPRO	06	Α	Р	SERVICE RIG,
	13:30	- 0:00	10.50	DRLPRO	02	В	P	DRILL 8921'-9218' (297') 28.2'/HR. 18/22K WOB, 110 BIT RPM. 11.1/45
4/24/2008								
4/24/2008 SUPERVISOR:	BRUCE	TAYLOR						·
OST ERVISORS		- 2:30	2.50	DRLPRO	02	В	P	DRILL 9218'-9267' (49') 19.6'/HR. 20/22K WOB, 110 BIT RPM, 11.2/45
	2:30	- 3:00	0.50	DRLPRO	06	Α	Р	SERVICE RIG, FUNCTION PIPE RAMS.
	3:00	- 3:30	0.50	DRLPRO	02	В	Р	DRILL 9267'-9270' (3') 6'/HR. 20/22K WOB, 11.2/45
	3:30	- 4:30	1.00	DRLPRO	04	С	Р	CIRCULATE BOTTOMS UP. MIX AND PUMP SLUG
	4:30	- 10:00	5.50	DRLPRO	05	Α	Р	POOH FOR NEW BIT DUE TO SLOW P-RATE.
	10:00	- 12:30	2.50	DRLPRO	05	Α	Р	TIH TO SHOE.
	12:30	- 13:30	1.00	DRLPRO	06	D	P	SLIP AND CUT DRILL LINE 95'
	13:30	- 16:30	3.00	DRLPRO	05	Α	Р	TRIP IN HOLE. WORK THROUGH TIGHT SPOT AT 8230', FIH.
	16:30	- 17:00	0.50	DRLPRO	03	D	Ρ	WASH AND REAM 40' TO BOTTOM, PECAUTIONARY ONLY.
	17:00	- 0:00	7.00	DRLPRO	02	В	Р	DRILL 9270'-9581' (311') 44.4'/HR. 16K WOB, 100 BIT RPM, 11.4/45
4/25/2008		* ***					************************************	
SUPERVISOR:		TAYLOR - 0:30	0.50	DRLPRO	06	Α	Р	SERVICE RIG, FUNCTION PIPE RAMS.
	0;30	- 7:00	6.50	DRLPRO	02	В	Р	DRILL 9581'-9870' (289') 44.4'/HR. 16K WOB, 100 BIT RPM, 11.5/42

Wins No.: 9	4953	<u>أسلس سوند</u>	and the second			NBU	J 921-1	
	0:30	- 7:00	6.50	DRLPRO	02	В	Р	DRILL 9581'-9870' (289') 44.4'/HR. 16K WOB, 100 BIT RPM, 11.5/42
	7:00	- 9:00	2.00	DRLPRO	04	С	Р	CIRCULATE BOTTOMS UP, LOST 60 BBLS, MIX LCM TO 5% WIT CEDAR FIBER AND NATUR SEAL, REGAINED FULL RETURNS.
	9:00	- 12:00	3.00	DRLPRO	05	E	Р	SHORT TRIP 20 STANDS. NO DRAG.
	12:00	- 17:30	5.50	DRLPRO	04	С	Р	CIRCULATE BOTTOMS UP, MAX GAS 4800 UNITS. RAISE MW TO 10.6 PPG SLOWLY TO BRING GAS DOWN. LOST TOTAL OF 40 BBLS. HELD SAFETY MEETING WITH WEATHERFORD AND RU SAME. MIX AND PUMP SLUG.
	17:30	- 0:00	6.50	DRLPRO	05	Α	Р	POOH LDDS, 1200' AT REPORT TIME.
4/26/2008	# TO		•	*		·	· a	
SUPERVISOR:	BRUCE T	TAYLOR						
	0:00	- 3:00	3.00	DRLPRO	05	В	Р	LDDS, BREAK KELLY, LD BHA.
	3:00	- 3:30	0,50	DRLPRO	05	В	Р	PULL WEAR BUSHING.
	3:30	- 10:30	7.00	DRLPRO	08	Α	Ρ	HELD SAFETY MEETING, RU AND RIH WITH TRIPLE COMBO. LOG FROM 9874' TO SHOE, RUN GR TO SURFACE.
	10:30	- 11:30	1.00	DRLPRO	11	Α	Р	HELD SAFETY MEETING, RU WEATHERFORD CASING CREW.
	11:30	- 19:00	7.50	DRLPRO	11	В	P	RUN CSG. AS FOLLOWS: FLOAT SHOE, 1 JT. CSG. FLOAT COLLAR, 114 JTS. CSG. MARKER JT. SET AT 5040', 119 JTS. 4 1/2" 11.6 PPF I-80 CSG. OAL 9868.05, SET AT 9568'. CENTRALIZED WITH 15 BOW SPRINGS, 1 ON FIRST 3 JTS. THEN EVERY 3RD JT.
	19:00	- 22:00	3.00	DRLPRO	04	E	Р	SPACE OUT, INSTALL HANGER AND PLUG RETAINER, CIRCULATE BOTTOMS UP WITH RIG PUMPS.
	22:00	- 0:00	2.00	DRLPRO	15	Α	Р	SWITCH TO HOWCO, TEST LINES TO 4500 CEMENT 4 1/2" AS FOLLOWS: 20 BBLS MUD FLUSH @ 8.3 PPG, 10 BBLS WATER, 20 SKS PL2 SCAVENGER MIXED @ 9.5 PPG, LEAD W/ 480 SKS HALCO LIGHT MIXED @ 11.2 PPG, YIELD 3.0, TAIL W/ 1305 SKS 50:50 POZ MIXED @ 14.3PPG, YIELD 1.27, WASH LINES, DROP PLUG & DISPLACE W/152 BBLS WATER W/ CLÀYSTAY & MAGNACIDE TO BUMP PLUG W/ 3400 PSI. RELEASE PSI, FLOATS HELD. LOST ALL RETURNS AFTER DROPPING THE WIPER PLUG
				<u> </u>			- w-	
4/27/2008	פפווכר	TAVIOD						
SUPERVISOR:		- 1:00	1.00	DRLPRO	15	Α	Р	RDMO HALLIBURTON.
	1:00	- 3:00	2.00	DRLPRO	11	С	Р	WASH STACK, LAND CASING WITH 95K, TEST HEAD TO 5000 PSI.

94953		The second second	ar and and an		NBI	J 921-	14A API No.: 4304739249
1:00	- 3:00	2.00	DRLPRO	11	С	Р	WASH STACK, LAND CASING WITH 95K, TEST HEAD TO 5000 PSI.
3:00	- 4:00	1.00	DRLPRO	06	D	Р	SLIP AND CUT DRILL LINE.
4:00	- 8:00	4.00	DRLPRO	11	Α	Р	CLEAN MUD PITS, RELEASE RIG @ 08:00 on 4-27-08
9	1:00	1:00 - 3:00 3:00 - 4:00	3:00 - 4:00 1.00	1:00 - 3:00 2.00 DRLPRO 3:00 - 4:00 1.00 DRLPRO	1:00 - 3:00	1:00 - 3:00	1:00 - 3:00

Wins No.: 9	94953			no we consider	i e. Ann ann ann ann an	NBU	921-	14A	<u>ىنىۋىدى بازى سىسى</u>	API No.:	4304739249
EVENT INFORM	ATION:	EVENT	ACTIVITY: CO	OMPLETIO	N			START DATE: 6/9/2008			
		OBJEC	TIVE: DEVELO	PMENT				END DATE: 6/13/2008			
		OBJEC	CTIVE 2: ORIGI	NAL				DATE WELL STARTED	PROD.:		
		REASO	ON: MV					Event End Status: CON	MPLETE		
RIG OPERATIO	NS:	Beg	jin Mobilization	Rig On Location		Rig Charges		Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
MILES 2 / 2				06/09	9/2008						06/13/2008
Date	St	Time art-End	Duration (hr)	Phase	Code	Subco de	P/U		Öperati	on	
6/9/2008	2010										
SUPERVISOR:		CHIVERS									
		- 7:30	0.50	COMP	48		Р	HSM. MOVING RIG &	RU		
	7:30	- 17:00	9.50	COMP	31	Н	Р	ROAD RIG FROM NBU & EQUIPMENT & RU. ND WELL HEAD NU B L-80 4.7# TBG. RIH TO 9,797'. RU RIO WATER. LD 4 JTS OF TBG EO	OPS. PU DRIFT &	TALLY 310 JTS	OF 2 3/8"
6/10/2008											
SUPERVISOR:	DOUG	CHIVERS									
	7:00	- 7:30	0.50	COMP	48		P	HSM. TRIPPING PIPE			
	7:30	- 15:00	7.50	COMP	37	С	P	LD 12 JTS & STAND E BOPS NU FRAC VALV MIRU B&C QUICK TES FRAC VALVES TO 7,5 GOOD TEST. RDMO PERFORATE ZONE 1. PU & RIH W/ 3 3/8" EX PHASING. PERFORATE 9,748' - 6 POOH W/ WIRE LINE. FOR AM FRAC. SWI SDFN	VES. ST. PRESSURE T OD PSI. B&C QUICK TEST P GNS, 23 GRM, 50' 3 SPF, 9,713' -	EST CASING & E . MIRU CUTTER .36 HOLES, 120 E .16' 3 SPF, 45 H	BOTH S TO DEG OLES.
6/11/2008								00000000 u.oks.500			
SUPERVISOR:	DOUG	CHIVERS									
	6:30	- 7:00	0.50	COMP	48		Р	HSM. FRACING & PER	RFORATING		

	7:00	- 20:00	13.00	COMP	36	В	Р	PRIME UP PUMPS & LINES. PRESSURE TEST LINES TO 8,538 PSI.
								STG 1) WHP 1,560 PSI, BRK 4,125 PSI @ 2.9 BPM, ISIP 2,963 PSI, FG .73 PUMP 100 BBLS @ 50.3 BPM 5,520 PSI = 65% OF HOLES OPEN.
								MP 6,304 PSI, MR 53 BPM, AP 4,947 PSI, AR 50.4 BPM, ISIP 2,976 PSI, FG .75. NPI 13 PSI.
								PMPD 3,391 BBLS OF SLK WATER & 116,951 LBS OF 30/50 SAND & 5,915 LBS OF 20/40 RESIN SAND.
								TOTAL PROP PMPD 122,866 LBS.
								STG 2) PU 4 1/5" CBP & 3 3/8" EXP GNS, 23 GRM, 90 DEG PHASING.
								SET 8K BAKER CBP @ 9,611' & PERF 9,577' - 81' 4 SPF, 9,526' - 28' 4 SPF, 9,514' - 18' 4 SPF, 40 HOLES.
								WHP 200 PSI, COULD NOT GET WELL TO BREAK DOWN.
								AFTER 5 ATEMPS WE DECIDED TO DUMP BAIL ACID ACROSS PERFS.
								PU DUMP BAILER W/7 GALLONS OF ACID RIH TAG SAND @ 8,625' COULD GO DOWN BUT WE WERE LOOSING WEIGHT.
								PU ON DUMP BAILER & WE WERE STUCK. WORKED WIRE LINE FOR 30 MINUTES GOT FREE. POOH W/
								WIRE LINE. AFTER CHECKING EVERY THING IT WAS DECIDED THAT THE
								FLUSH WAS WRONG &
								WE HAD UNDER FLUSHED BY 40 BBLS. RD WEATHERFORD FRAC HEAD. ND FRAC VALVES NU BOPS.
								PU 3 7/8" BIT & POBS RIH W/ TBG TAG SAND @, 9,598'. RU
								POWER SWIVEL BRK CIRC W/ 2% KCL C/O 20' OF SAND TO
	•							9,618'. CIRC WELL CLEAN W/ 150 BBLS OF 2% KCL. POOH LD 2 JTS
								STAND BACK TBG 151 STANDS. ND BOPS NU FRAC VALVES. SWI SDFN
12/2008				- vvas-u.		~2···		
JPERVISOR:	DOUG C	HIVERS						
	6:30	- 7:00	0.50	COMP	48		Р	HSM. FRACING & PERFORATING

Wins No.:	. Or the core sector				<u> </u>	NBI	U 921-14	And the second s	430473924
Vins No.:	7:00	- 18:00	11.00	СОМР	36	В	P P	API No.: STG 2) WHP 1,850 PSI, BKR 3,451 PSI @ 2.9 BPM, ISIP 2,903 FG .75 PMP 100 BBLS @ 50 BPM @ 5,900 PSI = 64% OF HOLES OPI MP 7,180 PSI, MR 50.3 BPM, AP 6,260 PSI, AR 46.8 BPM, ISIP 3,535 PSI, FG .81 NPI 632 PSI. PUMPD 2,564 BBLS OF SLK WATER & 65,514 LBS OF 30/50 S & 2,000 LBS OF RESIN SAND. TOTAL PROP PMPD 67,514 LBS. AFTER PUMPING 33,500 LBS OF SAND 1.25 PPG PRESSURI WAS INCREASING STARTED A SWEEP FOR 200 BBLS. PRESSURE DECREASE BY 400 PSI. STARTED SAND BACK W/ SAND @ .25 PPG & RAMPED BACT O 2 PPG. CALLED FLUSH EARLY PLACED 80% OF PROP. STG 3) PU 4 1/2" CBP & 3 3/8" EXP GRN, 23 GRM, .36 HOLES. & 120 DEG PHASING. SET 8K BAKER CBP @ 9,477' & PERF 9,441' - 47' 4 SPF, 9,40 O4' 3 SPF, 9,385' - 87' 3 SPF, 9,332' - 34' 3 SPF, 45 HOLES. WHP 2,800 PSI, BKR 3,028 PSI @ 3.4 BPM, ISIP 2,798 PSI, FC PMP 100 BBLS @ 50.3 BPM @ 5,250 PSI = 70% OF HOLES O MP 7,284 PSI, MR 50.6 BPM, AP 5,652 PSI, AR 43.7 BPM, ISIP 2,876 PSI, FG .75 NPI 78 PSI. PUMPD 4,530 BBLS OF SLK WATER & 157,964 LBS OF 30/50 SAND & 6,915 LBS OF RESIN SAND. TOTAL PROP PMPD 164,879 LBS. AFTER PUMPING 92,186 LBS OF SAND WE PUMPED A 211 B SWEEP. IT DID NOT HELP. SLOWED RATE FROM 50 BPM T BPM & STARTED SAND AGAIN @ 1 PPG & RAMPED TO 2 PF PUMPED ANOTHER 72,693 LBS PUMPED STAGE TO COMPLETION. STG 4) PU 4 1/2" CBP & 3 3/8" EXP GRN, 23 GRM, .36 HOLES OF STAGE TO COMPLETION. STG 4) PU 4 1/2" CBP & 3 3/8" EXP GRN, 23 GRM, .36 HOLES OF STAGE TO COMPLETION. STG 4) PU 4 1/2" CBP & 3 3/8" EXP GRN, 23 GRM, .36 HOLES OF STAGE TO COMPLETION. STG 5 PSI, BKR 2,916 PSI @ 3.0 BPM, ISIP 2,645 PSI, FC PMP 100 BBLS @ 54.4 BPM @ 5,500 PSI = 74% OF HOLES OF MP 7,492 PSI, MR 54.4 BPM @ 5,500 PSI = 74% OF HOLES OF MP 7,492 PSI, MR 54.4 BPM, AP 5,756 PSI, AR 53.1 BPM, ISIF 2,943 PSI, FG NPI 298 PSI. PUMPD 4,530 BBLS OF SLK WATER & 310,640 LBS OF 30/50 SAND & 8,830 LBS OF RESIN SAND. TOTAL PROP PMPD 319,470 LBS.	B PSI, EN. EN. SAND E KED S, 90 1' - 3 .74 PEN. CO 30 PG. S, 120 7' - 3 .73 PEN.
								KILL PLG) PU 4 1/2" CBP RIH SET 8K BAKER CBP @ 9,083'. RDMO WEATHERFORD & CUTTERS. ND FRAC VALVES NU	
								BOPS. SWI SDFN.	
13/2008									
UPERVISOR									
		- 7:30 - 15:00	0.50 7.50	COMP	48 44	С	P P	HSM. DRILLING CBPS PU 3 7/8" BIT POBS & XN NIPPLE & RIH W/ 286 JTS OF 2 3/8' 4.7# TBG. RU POWER SWIVEL & BRK CIRC W/ 2% KCL WATER. RIH C/O 10' OF SAND TAG PLG 1 @ 9083' DRL PLG IN 10 MIN. 1; PSI INCREASE RIH C/O 35' OF SAND TAG PLG 2 @ 9276' DRL PLG IN 10 MIN. 30 INCREASE RIH C/O 25' OF SAND TAG PLG 3 @ 9477' DRL PLG IN 10 MIN. 30 INCREASE RIH C/O 30' OF SAND TAG PLG 4 @ 9618' DRL IN 10 MIN. 300 PSI INCREASE RIH C/O 30' OF SAND TAG PLG 4 @ 9618' DRL IN 10 MIN. 300 PSI INCREASE RIH C/O 10 9,828'. CIRC WELL CLEAN W/ 2% KCL WATER. LD 11 JTS OF 2 3/8" L-80 4.7#. LAND TBG W/ 299 JTS. ND B NU WELL HEAD. DROP BALL TO SHEAR OFF BIT. PUMP OFF BIT @ 3,700 PSI. SWI WAITE 30 MINUTES FOR E TO FALL TO BOTTOM. TURN WELL OVER TO FLOW BACK CREW. 322 JTS OUT BOUND 299 JTS LANDED 23 JTS RETURNED	700 00 PSI 00 PSI II

Wins No.: 9	94953		es es es es	NBU 921-1	4A API No.: 4304739249
	7:00 -		33	A	7 AM FLBK REPORT: CP 2175#, TP 1900#, 20/64" CK, 155 BWPH, MEDIUM SAND, - GAS TTL BBLS RECOVERED: 6355 BBLS LEFT TO RECOVER: 12225
6/15/2008	,				
SUPERVISOR:	DOUG CHIVERS				
	7:00 -		33	A	7 AM FLBK REPORT: CP 1450#, TP 1650#, 24/64" CK, 140 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 9865 BBLS LEFT TO RECOVER: 8715
6/16/2008					
SUPERVISOR:	DOUG CHIVERS				
	7:00 -		33	A	7 AM FLBK REPORT: CP 1200#, TP 1700#, 26/64" CK, 60 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 11600 BBLS LEFT TO RECOVER: 6980
	9:00 -	PROD			WELL TURNED TO SALES @ 0900 HR ON 06/16/2008 ~ FTP 1850#, CP 1250#, CK 28/64", 1200 MCFD, 1440 BWPD
6/17/2008					
SUPERVISOR:	DOUG CHIVERS				
	7:00 -		33	A	7 AM FLBK REPORT: CP 1400#, TP 1350#, 28/64" CK, 29 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 12464 BBLS LEFT TO RECOVER: 6116

Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137

5. Lease Serial No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Expires: November 30, 2000

													UTL	J-01193			
la. Type of	Well	Oil W	/elI	X G	as	☐ Dry	Other						6.	If Indian,	Allottee o	r Tribe N	lame
b. Type of	Completion	:	X 1	New		Work Over	D D	eepen	☐ Plt	ug Back	Diff.	Resvr.	TRI	BAL SU	RFACI	Ε	
			Other		_	-		•	_	U			7.	Unit or Ca	A Agreem	ent Nam	e and No.
2. Name of	Operator												UNI	T 89100	08900 <i>A</i>	١	
	-	NI 8 C		SNO	IODI	- 1								Lease Nar		ell No.	
KERR-N 3. Address		JIL & G	AS C	ופמכ	HURI	L LP			la ph	nna No. (in	clude area	coda)	NB	U 921-	14A		
		E 4.0	~~ \ /	/IT IT I		ITALL 040	70		Ja. III				9.	API Well	No.		
						JTAH 840 accordance wi		al magasi			781-702	4	430	473924	9		
4. LOCATION	Of Well (Ne	port iocai	ions ci	euriy c	ına in c	iccoraance wi	ин геаен	и гедии	rements)				10.	Field and	Pool, or	Explorato	ory
At surface			١	NE/N	E 12	39'FNL, 8	83'FEL						NA	TURAL	BUTTE	S	
At top prod	into-1												11.	Sec., T., 1			
At top prou	. intervarre	ported ben	UW										12.	County of		SEC. 14	1, T9S, R21E 13. State
At total dep	oth													TAH			UTAH
14. Date Sp			1	5. Da	te T.D.	Reached			16. <u>Da</u> t	e Complete				Elevation	s (DF, RI	CB, RT, C	
03/21/08	3		lo)4/25	6/08					D&A	X Read	y to Prod.	l .	7'GL			
18. Total D	Depth: MI					Plug Back T.	D. MI		06/16			20 Donth		e Plug Set:	MD		
10. IUIAIL	TV		9870	u.	119.	riug Dack I.	.D.: MI TV		9828	•		zo. Depui	Bridg	e Plug Set:	TVD		
21. Type E	lectric & Ot	her Mech	anical I	Logs R	un (Su	bmit copy of	each)				22. Was	well cored	· 🔀	No 🔲		mit copy	·)
											Was	DST run?	X	No 🔲			
CBL-Ce	L-GR ,	SD.1	120	1.1	ACT	R					Direc	tional Surv	⁄ey? 【	X No	Yes Yes	(Submit	сору)
23. Casing	and Liner R	Record (R	eport a	ıll strir	gs set i	in well)											
Hole Size	Size/Grade	Wt. (#/	ft.)	Тор	(MD)	Bottom (MD) Si	tage Cer			Sks. &	Slurry V		Cement	Top*	Amo	ount Pulled
20"	14"	36.7	#			40'	-	Dep	un		Cement SX	(BBL)					
12 1/4"	9 5/8"	36#				2760					SX						
7 7/8"	4 1/2"	11.6				9870					5 SX						
. ,,,										.,,,,			\dashv				
24. Tubing	Record																
Size	Depth Se		Packe	r Dept	h (MD) Size	D	epth Ser	t (MD)	Packer De	epth (MD)	Siz	е	Deptl	n Set (MI) Pac	ker Set (MD)
2 3/8"	947	70'															
25 Deadus	in a Interval		<u> </u>					Do-fo	ration R			<u> </u>					
25. Produc	Formation			-	Гор	Botto			forated l			Size	l N	o. Holes	1	Perf. S	tatus
A) M	ESAVER		-		133'	9760			133'-9					172		OPE	
/	SMV					1 0,00		<u>_</u>	100 0	700		<i>3.00</i>	 	175	\vdash	<u> </u>	-14
C)	<u> </u>				 -										 		
D)	*****														1		
27. Acid, F	racture, Tre	atment, C	ement :	Squee	ze, Etc.								-		-		
	Depth Inter										nd type of M				- PI		11. sr
<u> </u>	9133'-976	30';	F	PMP	18,5	BO BBLS S	SLICK	H2O (<u>& 674,</u>	,729# 3	0/50 SD					<u>-UE</u>	IVED 5 2008
											<u>, </u>					 1 	ากดด
																	7 2008
28. Produc	tion - Interv	al A													VV. OF (Oll GA	S & MINING
Date First	Test	Hours	Test	C	il	Gas	Water		Oil Grav	rity	Gas		Produ	ction Metho	d	, G/1	o or Minning
	Date	Tested	Produc	tion E	BL	MCF	BBL		Согт. АР	PI	Gravity						
	06/18/08		2411	<u> </u>	0	2,166	67	72	07.0	•	177.11 Ct-1		<u> </u>	FLO	NS FR	OM W	ELL
Choke Size	Tbg. Press. Flwg. 1025#	Csg. Press.	24 Hr. Rate		il BL	Gas MCF	Water BBL		Oil Grav Corr. AF	-	Well Status						
	SI SI	1550#	1 .	→	0	2166	67	72				PF	RODI	UCING	GAS W	/ELL	
28a. Produ	ction - Inter	val B															
Date First	Test	Hours	Test		oil BBL	Gas MCF	Water BBL		Oil Grav Corr. AF	-	Gas		Produ	ction Metho	d		
Produced	Date	Tested	Produc	• I	DL	MCF	DDL		COIT. AF	1	Gravity						
Choke	Tbg. Press.	Csg.	24 Hr.		Dil	Gas	Water		Oil Grav	rity	Well Status		L				
Size	Flwg.	Press.	Rate	E	BL	MCF	BBL		Corr. AF	PI							
	SI	1	l —	→		1	I		1		I						

28b. Pro	duction - Inte	rval C								
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas Gravity	Production Method	
Produced	Date	Tested	Production	BBL	MCF	BBL	Согт. АРІ			
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas : Oil	Well Status		
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio			
28c. Proc	duction - Inte	rval D			•					
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas Gravity	Production Method	
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API			
Choke Size	Tbg. Press.	Csg. Press.	24 Нг. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status		
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Rano	İ		
29. Disp	osition of Ga	s (Sold, use	ed for fuel, v	ented, etc.)		1		<u> </u>		
SOLD										
30. Sum	mary of Poro	us Zones (I	nclude Aqui	ifers):				31. Formation	on (Log) Markers	
tests,	v all importar including de ecoveries.	nt zones of opth interva	porosity and I tested, cus	l contents the hion used, tin	reof: Cored ne tool open,	intervals and flowing and	d all drill-stem shut-in pressures			
For	mation	Тор	Bottom	1	Dogorint	ions, Content	to ata		Name	Тор
	таноп	10р	Bottom		Descript	ions, Comen	is, eic.		Name	Meas. Depth
		İ								
GREE	N RIVER	1684'	2378'							
MAHO		2378'	5046'							
WASA		5046'	7845'							
	VERDE	7845'								1
										1
		:								
		ł								
32 Addi	tional remark	rs (include	nlugging nr	ocedure).		· · · · · · · · · · · · · · · · · · ·				<u> </u>
<i>32.</i> 11du	tional terman	is (morado	brassus br	occuaic).						
			J. 2						·	
33. Circl	e enclosed at	tachments:								
	lectrical/Mec					Geologic Rep		ST Report	4. Directional Survey	
5. Sundry Notice for plugging and cement verification 5. Core Analysis 7. Other:										
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*										
36. I here	by certify the	at the foreg	oing and atta	ached informa	ation is comp	nete and corr	ect as determined f	rom all available	records (see attached inst	ructions)*
		<u> </u>		UE00				DEOL!! A	TODY ANALYOT	
Name	(please prin	t) SHE	LA UPCI	HEGO			Title _	REGULA	TORY ANALYST	
	/	17.	,-/	7.	1/1	MAN				
Signa	ture	111	M	- [//[[Wil	4/0	Date	07/09/08		
Title 191	ISC Section	1001 and	Title 43 II S	C Section 12	12 make it a	crime for any	nerson knowingly	and willfully to m	ake to any department or a	gency of the United

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 201

_				
~	T		. C 1	NI.
Э.	. Lo	ease	e Serial	INO
1			4400	

BUR	EAU OF LAND MAN	5. Lease Serial No. UTU-01193					
	OTICES AND REP			6. If Indian, Allottee of	r Tribe Name		
	orm for proposals Use Form 3160-3 (A	TRIBAL SURFACE					
	TIN TRIPLICATE – Othe	r instructions on page 2.		7. If Unit of CA/Agreement, Name and/or No. UNIT #891008900A			
1. Type of Well Oil Well Gas W	ell Other		8. Well Name and No. NBU 921-14A				
2. Name of Operator KERR McGEE OIL & GAS ONSHOR	RELP			9. API Well No. 4304739249		-	
3a. Address 1368 SOUTH 1200 EAST VERNAL, UTAH 8407	78	10. Field and Pool or Exploratory Area NATURAL BUTTES					
4. Location of Well <i>(Footage, Sec., T., I</i> NE/NE SEC. 14, T9S, R21E 1239'FNL, 883'FE	· -	n)		11. Country or Parish, State UINTAH COUNTY, UTAH			
12. CHEC	K THE APPROPRIATE BO	OX(ES) TO INDICATE NATUR	E OF NOTIO	CE, REPORT OR OTH	ER DATA		
TYPE OF SUBMISSION		TY	PE OF ACT	TION			
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat		uction (Start/Resume)	Water Shut-Off Well Integrity		
Subsequent Report	Casing Repair Change Plans	New Construction Plug and Abandon	=	omplete porarily Abandon	Other		
Final Abandonment Notice	Convert to Injection	Plug Back		er Disposal			
13. Describe Proposed or Completed O the proposal is to deepen directions Attach the Bond under which the w following completion of the involv testing has been completed. Final determined that the site is ready for	ally or recomplete horizonta york will be performed or pred ed operations. If the operat Abandonment Notices must	Ily, give subsurface locations and covide the Bond No. on file with li- ion results in a multiple completi	I measured as BLM/BIA. I on or recomp	nd true vertical depths of Required subsequent repoletion in a new interval	of all pertinent markers and zone ports must be filed within 30 day , a Form 3160-4 must be filed o	es. ys nce	

THE OPERATOR REQUESTS AUTHORIZATION TO RECOMPLETE THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO COMPLETE THE WASATCH AND MESAVERDE FORMATIONS. THE OPERATOR WILL COMMINGLE THE NEWLY WASATCH AND MESAVERDE FORMATION, ALONG WITH THE EXISTING MESAVERDE FORMATIONS.

PLEASE REFER TO THE ATACHED RECOMPLETION PROCEDURE.

COPI	OCIVI	10	UPEHA	UH
------	-------	----	-------	----

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) SHEILA UPCHEGO	Title REGULATORY ANALYST
Signature Mill Mychello	Date 02/02/2009
THIS SPACE FOR FEDE	RAL OR STATE OFFICE USE
Approved by SMW Lut	Title Pet-Eng. Date 217109
Conditions of approval, if any, are attached. Approval of this notice does not warrant or c that the applicant holds legal or equitable title to those rights in the subject lease which we entitle the applicant to conduct operations thereon.	ould Office DOG Action Is Necessary
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any po	erson knowingly and willfully to make to any department or agency of the United Shifts and false

* Cause 173-14

fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

FEB 0 4 2009

Name: N

NBU 921-14A

Location:

NE NE Sec. 14 9S 21E

Uintah County, UT

Date:

01/22/09

ELEVATIONS:

4775 GL

4789 KB

TOTAL DEPTH:

9868

PBTD: 9823

SURFACE CASING:

9 5/8", 36# J-55 ST&C @ 2727' 4 1/2", 11.6#, I-80 LT&C @ 9868'

Marker Joint 5040-5055'

TUBULAR PROPERTIES:

PRODUCTION CASING:

	BURST	COLLAPSE	DRIFT DIA.	CAPACITIES		
	(psi)	(psi)	(in.)	(bbl/ft)	(gal/ft)	
2 3/8" 4.7# J-55	7,700	8,100	1.901"	0.00387	0.1624	
tbg						
4 ½" 11.6# I-80	7780	6350	3.875"	0.0155	0.6528	
(See above)						
2 3/8" by 4 ½"				0.0101	0.4227	
Annulus				<u></u>		

TOPS:

1684' Green River

2037' Birdsnest

2378' Mahogany

5028' Wasatch

7808' Mesaverde

Estimated T.O.C. from CBL @2400

GENERAL:

- A minimum of 30 tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Halliburtons Induction-Density-Neutron log dated 04/26/08
- 10 fracturing stages required for coverage.
- Procedure calls for 11 CBP's (8000 psi).
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Put scale inhibitor 3 gals/1000 gals (in pad and ½ the ramp) and 10 gals/1000 gals in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, Slickwater frac.
- Maximum surface pressure 6200 psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). DO NOT OVERDISPLACE. Stage acid and scale inhibitor if necessary to cover the next perforated interval.
- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.

- Pump resin coated sand last 5,000# of all frac stages
- Tubing Currently Landed @~9470
- Originally completed on 06/11/08

Existing Perforations:

Zone	From	То	SPF	# of Shots
Mesaverde	9133	9135	3	6
Mesaverde	9177	9180	3	9
Mesaverde	9237	9246	3	27
Mesaverde	9332	9334	3	6
Mesaverde	9385	9387	3	6
Mesaverde	9401	9404	3	9
Mesaverde	9441	9447	4	24
Mesaverde	9514	9518	4	16
Mesaverde	9526	9528	4	8
Mesaverde	9577	9581	4	16
Mesaverde	9713	9716	3	9
Mesaverde	9748	9760	3	36

PROCEDURE:

- 1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
- 2. TOOH with 2-3/8", 4.7#, J-55 (or N-80) tubing (currently landed at ~9470'). Visually inspect for scale and consider replacing if needed.
- 3. If the looks ok consider running a gauge ring to 9098 (50' below proposed CBP). Otherwise P/U a mill and C/O to 9098 (50' below proposed CBP).
- 4. Set 8000 psi CBP at \sim 9048'. Pressure test BOP and casing to 6000 psi. .
- 5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
MESAVERDE	8842	8845	3	9
MESAVERDE	8882	8884	3	6
MESAVERDE	8906	8910	3	12
MESAVERDE	9014	9018	3	12

6. Breakdown perfs and establish injection rate (include scale inhibitor in fluid). Spot 250 gals of 15% HCL and let soak 5-10 min. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~8822' and trickle 250gal 15%HCL w/ scale inhibitor in flush. Tight spacing between stages 1 & 2.

7. Set 8000 psi CBP at ~8812'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone From To spf # of shots MESAVERDE 8578 8582 3 12 8736 16 MESAVERDE 8732 4 **MESAVERDE 8778** 8782 4 16

- 8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~8528' and trickle 250gal 15%HCL w/ scale inhibitor in flush. Tight spacing between stages.
- 9. Set 8000 psi CBP at \sim 8518'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

```
Zone
            From
                    To
                         spf
                              # of shots
MESAVERDE 8306
                   8310
                                12
                         3
MESAVERDE 8348
                   8351
                         3
                                9
MESAVERDE 8410
                   8414
                         3
                                12
MESAVERDE 8486
                         3
                   8488
                                6
```

- 10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~8256' trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 11. Set 8000 psi CBP at ~8176'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

```
Zone
            From
                    To
                         spf
                               # of shots
MESAVERDE 8070
                   8074
                         2
                                8
MESAVERDE 8132
                   8134
                         4
                                8
MESAVERDE 8140
                   8146
                         4
                                24
```

- 12. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Under-displace to ~8020' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 13. Set 8000 psi CBP at ~7930'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

```
Zone From To spf # of shots
MESAVERDE 7852 7860 3 24
MESAVERDE 7894 7900 3 18
```

- 14. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 5 on attached listing. Under-displace to ~7802' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 15. Set 8000 psi CBP at \sim 7650'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shot
WASATCH	7370	7372	3	6
WASATCH	7519	7524	3	15
WASATCH	7582	7584	4	8
WASATCH	7616	7620	3	12

- 16. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 6 on attached listing. Under-displace to ~7320' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 17. Set 8000 psi CBP at ~7038'. Perf the following 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	6834	6838	4	16
WASATCH	6922	6924	4	8
WASATCH	7002	7008	3	18

- 18. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 7 on attached listing. Under-displace to ~6784' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 19. Set 8000 psi CBP at ~6386'. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

```
Zone
             From
                              # of shots
                    To
                         spf
WASATCH
             6202
                   6206
                         4
                                16
WASATCH
             6324
                                18
                   6330
                         3
WASATCH
             6354
                   6356
                                8
```

- 20. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 8 on attached listing. Under-displace to ~6152' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 21. Set 8000 psi CBP at ~5730'. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone From To spf # of shots WASATCH 5690 5700 4 40

- 22. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 9 on attached listing. Under-displace to ~5640' and trickle 250gal 15%HCL w/ scale inhibitor in flush
- 23. Set 8000 psi CBP at ~5346'. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone From To spf # of shots WASATCH 5204 5210 4 24 WASATCH 5310 5316 3 18

- 24. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 10 on attached listing. Under-displace to ~5154' and flush only with recycled water.
- 25. Set 8000 psi CBP at~5154'.
- 26. TIH with 3 7/8" mill, pump-off sub, SN and tubing.
- 27. Mill plugs and clean out to PDTD. Land tubing at ± 9474 ' and pump off bit unless indicated otherwise by the well's behavior. This well will be commingled at this time.
- 28. RDMO
- 29. Clean out well with foam and/or swabbing unit until steady flow has been established from recomplete.

For design questions, please call Sarah Schaftenaar, Denver, CO (303)-895-5883 (Cell) (720)-929-6605 (Office) For field implementation questions, please call Robert Miller, Vernal, UT 4350781 7041 (Office)

NOTES:

Zone	For	r	Pe op. ft.	fs Bot, ft	SPF	Holes	Rate BPM	Fluid	initial PPS	Final	Fluid	Volume	Cum Vol	Volume BBLs	Cum Voi BBLs	Fluid % of frac	Sand % of frac	Send lbs	Cum. Sand	Fa etage from CBP to Flush	Scale Inhib., gal.
I MESAVERO MESAVERO MESAVERO MESAVERO MESAVERO MESAVERO MESAVERO MESAVERO MESAVERO MESAVERO MESAVERO MESAVERO MESAVERO MESAVERO MESAVERO MESAVERO MESAVERO MESAVERO MESAVERO		703992295121106	8942 8982 8906 9014	BB45 BB64 B910 S018 No perfs No perfs No perfs Vo perfs Vo perfs Vo perfs Vo perfs Vo perfs Vo perfs	3 3 3 3		Varied 0 500 500 500 500 500 500 500 500 500	Pump-in test ISIP and 6 min ISIP Shickwater Pad Shickwater Ramp SW Swreap Shickwater Ramp SW Swreap Shickwater Ramp Flush (4-1/2*) ISDP and 6 min ISDI	0.25 0 1 0 0.5 1.5	1 0 15 0 15 2	Sickwater Shokwater Shokwater Sickwater Shokwater Shokwater Shokwater Shokwater Shokwater	12,376 23,375 0 23,375 5,260 3,000 23,375 5,759	12,375 35,760 35,760 59,125 64,375 67,375 87,750 93,509 93,509	0 295 557 0 557 125 71 557 137	0 295 851 851 1,408 1,533 1,604 2,089 2,226	15 0% 26 3% 26 3% 26 3%	0 0% 16.7% 0 0% 33.3% 0 0% 3 4% 46.6%	0 14,609 29,219 0 8,000 40,906	0 14,609 14,609 43,626 43,826 46,828		57 37 35 6 35 6 0 0 0 57 222
2 MESAVERD MESAVERD MESAVERD MESAVERD MESAVERD MESAVERD MESAVERD MESAVERD MESAVERD MESAVERD MESAVERD		55 4 12 2 3 8 0 0 0	9578 9732 9778	# of Park 8592 8736 9782 No perfs	3444	16	50 50 50 50 50 50 50	<< Above pump time Pump-in test ISIP and 5 mm ISIF Skickwater Pad Skickwater Ramp Skickwater Ramp Skickwater Ramp Skickwater Ramp Skickwater Ramp Skickwater Ramp Flush (4-1/2*) ISDP and 5 mm ISDF	025 0 1 0 0 0 15	15 0 15	Sickwater Sickwater Sickwater Sickwater Sickwater Sickwater Sickwater Sickwater Sickwater	2.475 4.676 0 4.675 0 4.675 5.567	0 2,475 7,150 7,150 11,825 11,825 11,825 16,500 22,067 22,067	59 111 0 111 6 0 111 133	100k	16.0% 28.3% 28.3% 26.3%	00% 17.7% 00% 34.5% 00% 45.3%	1,500 CBP depth 0 2,922 0 5,844 0 6,181	8,812 0 2,922 2,922 8,766 8,766 8,766 16,947 16,947	ibe sand/ft 10 Sire sand/ft	7 7 0 7 0 6 55
3 MESAVERDI MESAVERDI MESAVERDI MESAVERDI MESAVERDI MESAVERDI MESAVERDI MESAVERDI MESAVERDI MESAVERDI MESAVERDI		28 15 16 17 5 4 2 3 4 5 0 0	6306 8348 6410 8486	# of Paris 9301 8361 8414 8488 No paris No paris No paris No paris	3 3 3 7	144 9 12 6	Veried 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	KK Above pump time Pump-in tes! Shakwater Pad Shakwater Remp Shakwater Remp SW Shouse Shakwater Remp SW Shouse Shakwater Remp	0 25 0 1 0 0.5 1.5	15 0 15	Sickwater Sickwater Sickwater Sickwater Sickwater Sickwater Sickwater Sickwater	14,400 27,200 6 27,200 5,260 3,000 27,200 5,390	0 14,400 41,600 41,600 68,800 74,050 77,059 101,250 106,640	0 343 048 0 848 125 71 646 126	ush depth 0 343 990 1,638 1,763 1,835 2,411 2,539	16 0% 26 3% 26 3% 26 3% 8266	0 0% 16 7% 0 0% 33.5% 0 0% 3 0% 48 9%	0 17,000 0 34,000 47,600 4,600	0 17,000 17,000 51,000 51,000 54,000 101,600 101,600	10 The sand to	42 41 6 41 0 0 0 53
4 MESAVERDI MESAVERDI MESAVERDI MESAVERDI MESAVERDI MESAVERDI MESAVERDI MESAVERDI MESAVERDI MESAVERDI MESAVERDI		10 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		9074 8134 6146 Vio perfs	2 4 4	0 8 24	Veried 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	« Above pump time Pump-in test ISIP and 5 min ISIP Statewater Pad Statewater Ramp SW Sangag Exclorates Ramp SW Sangag Statewater Ramp Statewater Ramp Flush (4-1/2*) ISIP and 6 min. ISDF	0.25 0 1 0 0.5 1.5	1 0 15 0	Sectionales Sectionales Sectionales Sectionales Sectionales Sectionales Sectionales Sectionales	2,963 5,596 0 5,596 0 6,596 5,596 5,225	2,963 8,558 8,558 14,154 14,154 19,750 24,985 24,985 LOOK	0 71 193 0 133 0 0 133 125	0 71 264 204 337 337 337 470 595	15 0% 26 3% 26 3% 26 3%	0.0% 17.2% 0.0% 34.5% 0.0% 0.0% 48.3%	3,497 0 6,995 0 9,793 500 CBP depth	3,497 3,497 10,492 10,492 10,492 20,285 20,285	lbs sans/%	9 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
5 ME BAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE		20 6 9 12 0 0 0 0 0 0 0	7962 7894	7860 7900 to perfe to perfe	3	24 18	500 500 500 500 500 500 500 500 500 500	ek Above grimp time Primp-in test SIPI and 5 min ISIP Skekwater Pad Skekwater Parin SW Sacruss Seckwater Ramp SW Sacruss Skekwater Ramp Skekwater Ramp Skekwater Ramp Flush (4-1/2*) ISDP and 5 mr : SDF	0 25 0 1 0 0 5 1 5	1: 0 15 0	Strikweler Strikweler Strikweler Strikweler Strikweler Strikweler Strikweler Strikweler Strikweler	11,925 22,525 0 0 22,525 5,250 3,000 22,526 5,093	0. 11,925 34,450 34,459 56,975 62,225 65,225 84,750 89,843 89,843	284 536 0 536 125 71 536 121	0 25-4 820 820 1,357 1,482 1,553 2,018 2,133	16 0% 26 3% 26 3% 26 3%	0 U% 16 6% 0 0% 33 3% 0 0% 3 6% 42 6%	0 14,078 0 26,156 0 3,000 38,419	0 14,078 14,078 42,234 42,234 45,234 84,653 84,653	šbz sən d ↑	36 34 0 34 0 0 0 0 50
G WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH	:	6 4 35 5 0 0 0 0 0 0	7370 7519 7562 7515	# of Peri 7372 7624 7694 7620	3 4 3	47 E 15 6 12	Vened 0 50 50 50 50 50 50 50 50	«« Above pump time Pump-in test ISIP and 6 mm ISIP Stickwater Part Stylessessessessessessessessessesses Stickwater Ramp Stickwater Ramp Stickwater Ramp Stickwater Ramp Plush (4-12°) ISIP and 6 mm ISIP	0 25 0 1 0 05 15	15 15 0 15	Sachweier Stickweier Stickweier Stickweier Stickweier Stickweier Stickweier Stickweier	6.615 12.495 0.12.495 0.012.495 4,778	0,615 19,110 19,110 31,605 31,605 31,605 44,100 43,878 48,878	0 158 298 0 298 0 0 298 114	ush depth 0 158 465 465 763 763 1,060 1,164	16 0% 28 3% 26 3% 28 3%	0.0% 17.2% 0.0% 34.5% 0.0% 0.0% 46.3%	0 7,869 0 15,619 0 21,666	7,809 7,809 7,809 23,428 23,428 23,428 45,294 45,294	157	20 19 0 19 0 0 0 46
7 WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH		63700000000	E034 F972 7002	# of Perfs 6230 6324 7006	4 4 3	41 16 8 18	50 50 50 50 50 50	Pumpin test ISP and 5 mm (SIP Stutwater Pad Stutwater Ramp Stutwater Ramp Stutwater Ramp Stutwater Ramp Stutwater Ramp Stutwater Ramp Stutwater Ramp Stutwater Ramp Stutwater Ramp Inter (1-12) ISDP and 6 mr (SDP	0 25 0 1 0 0 5 1 5	15 0 15	Buckwater Stickwater Stickwater Stickwater Stickwater Stickwater Stickwater Stickwater	2,810 4,930 0 4,930 0 0 4,930 4,930 4,429	2,810 7,549 7,549 12,470 12,470 12,470 17,400 21,829 21,839 LOOIN	0 62 117 0 117 0 0 0 117 105	0 0 62 180 180 297 297 297 414 520	7320 16 U% 26 3% 26 3%	0 0% 17.2% 0 0% 34 5% 0 0% U.U% 48 3%	0 3,081 0 6,163 0 6,628	7,038 0 3,061 3,061 3,061 9,244 9,244 17,871 17,871	787	6 7 7 0 0 0 41
E WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH		7 1 9 1 9 4 3 1 6 0	6324 6324 6354	F of Perti 5206 5330 5350 Jo perfs to perfs to perfs to perfs to perfs to perfs	-stage 4 3 4		50 50 50 50 50 50 50 50	Fump-in test ISIP and 5 mm ISIP Stickwater Pad Sectionater Ramp SW Synouse Stickwater Ramp Stickwater Ramp Stickwater Ramp Stickwater Ramp Flush (4-1/2") ISIP and 5 mm ISIP	0 25 0 1 0 0 5 1 5	1 0 15 0	Si chwater Si chwater Si chwater Si chwater Si chwater Si chwater Si chwater Si chwater Si chwater	4,620 6 727 6 727 0 6 727 0 6,727 4,016	4,620 13,347 13,347 22,073 22,073 22,073 30,800 34,816 34,616	110 208 0 208 0 0 0 208 96	ush depth 110 318 318 526 526 526 733 829	16 0% 26 3% 26 3%	0.0% 17.2% 0.0% 34.5% 0.0% 45.3%	0 5,454 0 10,908 0 16,272	0 5,454 5,454 16,363 16,363 31,634 31,634		14 13 0 13 6 0 0 37
y Wasaich Wasaich Wasaich Wasaich Wasaich Wasaich Wasaich Wasaich Wasaich Wasaich Wasaich Wasaich Wasaich	;	39 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6656	# of Party 6700	/stage 4	42	0 50 50 50 50 50 50	Pumpin test ISIP and 5 min ISIP Stickwater Pad Stickwater Ramp SW. Sweap Stickwater Ramp Stickwater Ramp Stickwater Ramp Flush (4 10") ISIPP and 5 min ISIPP	0.25 0 1 0 0 5 1 5	1 0 15 0 15	Sickwater Sickwater Sickwater Sickwater Sickwater Sickwater Sickwater Sickwater	7 350 13,693 0 13,663 0 0 12,833 3 602	7,350 21,233 21,233 35,117 35,117 48,000 52,662 52,682	175 331 9 331 0 331 0 0 331 68	ush depth 175 506 506 836 036 836 1,167 1,254	16 0% 26 3% 26 3% 26 3%	00% 17.2% 00% 34.5% 00% 48.3%	0 6,877 0 17,354 0 24,290	0 8 677 8 677 26 031 26 031 26 031 50 327 50 327	422	22 21 6 21 6 0 0 0 35
WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH		19 13 0 0 0 0 0 0 0 0 0 0 0 0 0	5204 6310	e of Perio 5210 5310	etage 4 3	40 24 10	0 50 50 50 50 50 50 50	Pump in test ISP and 5 mm ISP Seckwater Red Seckwater Rump SM Sweap Shokwater Rump Stokwater Rump Stokwater Rump Stokwater Rump Stokwater Rump (Stokwater Rump (Stokwater Rump)	0.25 0 1 1 0 0 5 1 5	1 0 15 0,	Stickwater Stickwater Stickwater Stickwater Stickwater Stickwater Stickwater Stickwater	5,370 15,810 0 15,810 0 0 15,810 3 365	0, 8,370 24,180 24,180 39,990 39,890 39,890 55,800 69,165	199 376 0 376 0 376 0 376 80	0 199 576 576 952 952 1,329 1,409	16 0% 26 3% 26 3%	0.0% 17.2% 0.0% 34.5% 0.0% 40.3%	9,861 9,861 19,763 0 27,668	0 9.861 9,881 29,644 29,644 29,644 57,311	794	75 24 0 24 0 0 0 0
Totals	31	31 17		of Perfi	r'stage	42 415	268 ·					Total Fluid	554,414 13,200	gale	ush depth 13,200 29.3	bhle		1,800 BP depth fotel Sand	5,164 513,667	ibs sand ti 0 Scole inblis. =	1122

1 MESAVERDE MESA		Bottom, ft	SPF	Holes		Fracture Coverage			
MESAVERDE MESAVE	8842	8845	3	9	8840	to	8847		
MESAVERDE MESAVE	8882		3			to			
MESAVERDE MESAVE				6	8855.5		8855.5		
MESAVERDE MESAVE	8906		3	12	8870.5	to	8873.5		
MESAVERDE MESAVE	9014		3	12	8878	to	8886.5		
MESAVERDE MESAVE		No perfs			8903.5	to	8912		
MESAVERDE MESAVE		No perfs			8913	to	8914.5		
MESAVERDE MESAVE		No peris			8916.5	to	8916		
MESAVERDE MESAVE		No perfs			8920	to	8929		
MESAVERDE MESAVE		No perfs			8946.5	to	8952		
MESAVERDE MESAVE		No perfs			8953	to	8954		
MESAVERDE MESAVE		No perfs			8957	to	8959		
MESAVERDE MESAVE		No pens			8975.5	to	8976		
# of Perfs/stage # of Perfs/stage MESAVERDE		No perfs			8986	to	8987		
# of Perfs/stage # of Perfs/stage MESAVERDE		No perfs			9011	to	9011		
2 MESAVERDE MESA		No perfs			9013	to	9019		
MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage # of Perfs/stage MESAVERDE	e			39	CBP DEPTH	8,812			
MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage MESAVERDE MESAVER	8576	0602		4.2	0704		0700		
MESAVERDE MESAVE			3	12	8724	to	8728		
MESAVERDE MESAVERDE # of Perfs/stage MESAVERDE MESAVER	8732		4	16	8732	to	8743.5		
# of Perfs/stage # of Perfs/stage MESAVERDE	8776		4	16	8744.5	to	8746.5		
# of Perfs/stage # of Perfs/stage MESAVERDE WASATCH		No peris			8773.5	to	8776		
MESAVERDE MESAVE		No perfs			8778	to	8785.5		
MESAVERDE MESAVE	e			44	CBP DEPTH	8,518			
MESAVERDE MESAVE									
MESAVERDE MESAVE	8306		3	12	8301.5	to	8316.5		
MESAVERDE WASATCH WASATCH	8348		3	9	8339.5	to	8354		
MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage # MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage 7 WASATCH	8410		3	12	8408	to	8425		
MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage 4 MESAVERDE # of Perfs/stage 5 WASATCH	8486	8488	3	6	8476	to	8481		
MESAVERDE MESAVERDE # of Perfs/stage 4 MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage 5 WASATCH		No perfs			8486	to	8489.5		
# of Perfs/stage # MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage 7 WASATCH		No perfs			8494	to	8496		
# of Perfs/stage # of Perfs/stage MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage # of Perfs/stage 7 WASATCH # of Perfs/stage 9 WASATCH		No perfs			8506	to	8509		
4 MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage 5 MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage 7 WASATCH		No perfs			8529	to	8533		
4 MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage 5 MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage 7 WASATCH	e	ļ		39	CBP DEPTH	8,176			
MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE WASATCH									
MESAVERDE MESAVERDE # of Perfs/stage 5 MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage 7 WASATCH	8070		2	8	8069.6	to	8079.5		
MESAVERDE # of Perfs/stage 5 MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage 6 WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH # of Perfs/stage 8 WASATCH # of Perfs/stage	8132		4	8	8129	to	8135		
# of Perfs/stage MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage 6 WASATCH	8140		4	24	8138	to	8152.5		
5 MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage 6 WASATCH		No perfs			8155	to	8164		
MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage 6 WASATCH	e			40	CBP DEPTH	7,930			
MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage 6 WASATCH	7852	7860	3	24	7845.5	to	7873		
MESAVERDE MESAVERDE # of Perfs/stage 6 WASATCH # of Perfs/stage	7894		3	18	7874.5	to	7880		
MESAVERDE # of Perfs/stage 6 WASATCH WASATCH WASATCH WASATCH # of Perfs/stage 7 WASATCH # of Perfs/stage 9 WASATCH		No perfs			7883.5	to	7892		
6 WASATCH WASATCH WASATCH WASATCH WASATCH # of Perfs/stage 7 WASATCH # of Perfs/stage		No perís			7893.5	to	7905		
WASATCH WASATCH	е			42	CBP DEPTH	7,650			
WASATCH WASATCH WASATCH # of Perfs/stage 7 WASATCH									
WASATCH WASATCH # of Perfs/stage 7 WASATCH WASATCH WASATCH # of Perfs/stage 8 WASATCH # of Perfs/stage 9 WASATCH	7370		3	6	7370	to	7376		
WASATCH # of Perfs/stage 7 WASATCH WASATCH WASATCH # of Perfs/stage 8 WASATCH 9 WASATCH	7519		3	15	7390	to	7394		
# of Perfs/stage 7 WASATCH WASATCH WASATCH WASATCH # of Perfs/stage 6 WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH 9 Perfs/stage	7592 7616		3	12	7503	to	7537.5		
7 WASATCH WASATCH WASATCH WASATCH # of Perfs/stage 8 WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH 9 WASATCH	,,,,,	7020			7615	to	7619.5		
WASATCH WASATCH # of Perfs/stage 8 WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH 9 WASATCH	е			41	CBP DEPTH	7,038			
WASATCH WASATCH # of Perfs/stage 8 WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH 9 WASATCH	6834	6838	4	16	6833	to	6838		
WASATCH # of Perfs/stage # WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH # of Perfs/stage	6922		4	8	6922	to	6925		
8 WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH	7002		3	18	7002.5	to	7009		
8 WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH	9			42	CBP DEPTH	6,386			
WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH									
WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH	6202		4	16	6201.5	to	6208.5		
WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH # 01 Perfs/stage	6324		3	18	6309	to	6309.5		
WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH # of Perfs/stage	6354		4	8	6312.5	to	6321		
WASATCH WASATCH WASATCH WASATCH # of Perfs/stage		No perfs			6322.5	to	6323.5		
WASATCH WASATCH WASATCH # 01 Perfs/stage		No perfs		L	6324.5	to	6333.5		
WASATCH WASATCH # 01 Perfs/stage		No perfs			6336.5	to	6340.5		
WASATCH # of Perfs/stage 9 WASATCH		No perfs			6342.5	to	6345		
# of Perfs/stage		No perfs			6349.5	to	6350		
9 WASATCH		No perfs			6354	to	6359.5		
	e			42	CBP DEPTH	5,730			
# of Perfs/stage	5690	5700	4	40	5682.5	to	5707		
11 Citoratage			-	40	CBP DEPTH	5,346			
40 00000									
10 WASATCH	5204		4	24	5200.5	to	5219		
WASATCH	5310	5316	3	18	5306	to	5318.5		
# of Perfs/stage	е			42	CBP DEPTH	5,154			
		1 1 1 1 1 1 1							

Stage	Zones	Top, ft	orations Bottom, ft	SPF	Holes		otura Carr	rano
		1 op, n	Bottom, it	SPF			cture Cove	
1		8842	8845	3				
	MESAVERDE	8882	8884		9	8840		88
				3	6	8855.5		8855
	MESAVERDE	8906	8910		12	8870.5	4	8873
	MESAVERDE	9014	9018	3	12	8878		8886
	MESAVERDE	ļ	No perfs	ļ		8903.5		89
	MESAVERDE		No perfs			8913	to	8914
	MESAVERDE		No perfs			8916.5	to	89
	MESAVERDE		No perfs			8920	to	89
	MESAVERDE		No perfs	1		8946.5	to	89
	MESAVERDE		No perfs			8953	to	89
	MESAVERDE		No perfs			8957	to	89
	MESAVERDE		No perfs			8975.5		89
	MESAVERDE		No perfs			8986		89
	MESAVERDE		No perfs	l		9011	to	90
	MESAVERDE		No perfs			9013		90
	WEO/WEINDE	 	rto porio	 		9013	10-	30
	# of Perfs/stage	 		·	20	CDD DEDTIL	0.010	
-5- e14.8	# OI Fells/stage	14 (12 12 12 1 2 12 12 12 12 12 12 12 12 12 12 12 12 12	et like konstitui	11100000000	39	CBP DEPTH	8,812	Section of the Land
				178975	S. 100 (1994)		· · · · · · · · · · · · · · · · · · ·	A71.8 (2 × 67)
2	MESAVERDE	8578	8582	3	12	8724		87
	MESAVERDE	8732	8736	4	16	8732		874
	MESAVERDE	8778	8782	4	16	8744.5		874
	MESAVERDE		No perfs	T		8773.5	to	8
	MESAVERDE		No perfs			8778	to	878
		l						
	# of Perfs/stage	1			44	CBP DEPTH	8,518	
, 16 M		h desket ka		54.19/5/34	97553.39			100000000000000000000000000000000000000
	MESAVERDE	8306	8310	3	12	8301.5		831
	MESAVERDE	8348	8351	3	9	8339.5		83
	MESAVERDE	8410	8414	3	12	8408		84
	MESAVERDE	8486	8488	3	6	8476		84
	MESAVERDE	0400	No perfs					
						8486		848
	MESAVERDE		No perfs			8494	to	84
	MESAVERDE		No perfs	L		8506	to	85
	MESAVERDE		No perfs			8529	to	85
								ļ
	# of Perfs/stage				39	CBP DEPTH	8,176	
					tali, televiy telib			
4	MESAVERDE	8070	8074	2	8:	8069.5	to	807
	MESAVERDE	8132	8134	4	8	8129	to	81
	MESAVERDE	8140	8146	4	24	8138	to	815
	MESAVERDE		No perfs	<u>-</u>		8155	to	81
			· · · · · · · · · · · · · · · · · · ·					×
	# of Perfs/stage				40	CBP DEPTH	7,930	
	iii or i crisistage							
221,1		1,445,775,341	Materials in the 25 Co.					A CONTRACTOR
	MEGAVEDDE	7050	7000			ang paga pada nyagen.	o 75 Waley	
	MESAVERDE	7852	7860	3	24	7845.5	to	78
	MESAVERDE MESAVERDE		7860 7900			7845.5 7874.5	to to	70
	MESAVERDE MESAVERDE MESAVERDE	7852	7860 7900 No perfs	3	24	7845.5 7874.5 7883.5	to to to	76
	MESAVERDE MESAVERDE	7852	7860 7900	3	24	7845.5 7874.5	to to to	78 78
	MESAVERDE MESAVERDE MESAVERDE MESAVERDE	7852	7860 7900 No perfs	3	24 18	7845.5 7874.5 7883.5 7893.5	to to to to	78 78
5	MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage	7852 7894	7860 7900 No perfs No perfs	3	24	7845.5 7874.5 7883.5 7893.5 CBP DEPTH	to to to to 7,650	76 76 76 79
5	MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage	7852	7860 7900 No perfs	3	24 18	7845.5 7874.5 7883.5 7893.5	to to to to 7,650	76 76 76 79
5	MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage	7852 7894	7860 7900 No perfs No perfs	3	24 18	7845.5 7874.5 7883.5 7893.5 CBP DEPTH	to to to to to 7,650	73 73 74 75
5	MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage	7852 7894	7860 7900 No perfs No perfs	3 3	24 18 42	7845.5 7874.5 7883.5 7893.5 CBP DEPTH	to to to to to to to to to to to	76 76 78 79
5	MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage WASATCH	7852 7894 7370	7860 7900 No perfs No perfs 7372	3 3	24 18 42 6	7845.5 7874.5 7883.5 7893.5 CBP DEPTH	to to to to to to to to to to to	7: 7: 7: 7: 7: 7:
5	MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage WASATCH WASATCH WASATCH	7852 7894 7894 7370 7519	7860 7900 No perfs No perfs 7372 7524 7584	3 3 3 3 3	24 18 42 42 6 15 8	7845.5 7874.5 7883.5 7893.5 CBP DEPTH 7370 7390 7503	to to to to to to to to to to to	7(7(7) 7(7) 7(7) 7(7) 753
5	MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage WASATCH WASATCH	7852 7894 7894 7370 7519 7582	7860 7900 No perfs No perfs 7372 7524	3 3 3 3 3 4	24 18 42 6 15	7845.5 7874.5 7883.5 7893.5 CBP DEPTH 7370 7390	to to to to to to to to to to	7(7(7) 7(7) 7(7) 7(7) 753
5	MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage WASATCH WASATCH WASATCH WASATCH	7852 7894 7894 7370 7519 7582	7860 7900 No perfs No perfs 7372 7524 7584	3 3 3 3 3 4	24 18 42 6 15 8	7845.5 7874.5 7883.5 7893.5 CBP DEPTH 7370 7390 7503 7615	to to to to to to to to to to to to to t	76 76 76 79 75 77 77 75
5	MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage WASATCH WASATCH WASATCH WASATCH # of Perfs/stage	7852 7894 7370 7519 7582 7616	7860 7900 No perfs No perfs 7372 7524 7584 7620	3 3 3 3 3 4 4	24 18 42 6 15 8 12	7845.5 7874.5 7883.5 7893.5 CBP DEPTH 7370 7390 7503 7615	to to to to to to to to to to to	76 76 76 75 75 75 753 761
6	MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage WASATCH WASATCH WASATCH WASATCH WASATCH # of Perfs/stage	7852 7894 7370 7370 7519 7582 7616	7860 7900 No perfs No perfs 7372 7524 7584 7620	3 3 3 3 3 4 4 3	24 18 42 6 15 8 12	7845.5 7874.5 7883.5 7893.5 CBP DEPTH 7370 7390 7503 7615	to to to to to to to to to to to to to t	76 76 76 75 75 75 753 761
6	MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH	7852 7894 7370 7519 7582 7616	7860 7900 No perfs No perfs 7372 7524 7584 7620	3 3 3 3 3 4 4 3	24 18 42 6 15 8 12 41	7845.5 7874.5 7874.5 7883.5 7893.5 CBP DEPTH 7370 7390 7503 7615 CBP DEPTH	to to to to to to to to to to to to to t	71 71 71 71 71 71 75 753 761
6	MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH	7852 7894 7370 7519 7582 7616 6834 6922	7860 7900 No perfs No perfs 7372 7524 7584 7620	3 3 3 3 3 4 3 4 4 4 4	24 18 42 6 15 8 12 41 41	7845.5 7874.5 7883.5 7893.5 CBP DEPTH 7370 7390 7503 7615 CBP DEPTH	to to to to to to to to to to to to to t	71 71 71 71 71 71 71 75 753 761
6	MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH	7852 7894 7370 7519 7582 7616	7860 7900 No perfs No perfs 7372 7524 7584 7620	3 3 3 3 3 4 4 3	24 18 42 6 15 8 12 41	7845.5 7874.5 7874.5 7883.5 7893.5 CBP DEPTH 7370 7390 7503 7615 CBP DEPTH	to to to to to to to to to to to to to t	71 71 71 71 71 71 71 75 753 761
6	MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage WASATCH WASATCH WASATCH # of Perfs/stage WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH	7852 7894 7370 7519 7582 7616 6834 6922	7860 7900 No perfs No perfs 7372 7524 7584 7620 6838 6924	3 3 3 3 3 4 3 4 4 4 4	24 18 42 6 15 8 12 41 16 8 18	7845.5 7874.5 7883.5 7893.5 CBP DEPTH 7370 7390 7503 7615 CBP DEPTH 6833 6922 7002.5	to to to to to to to to to to to to to t	71 71 71 71 71 71 71 75 753 761
6	MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH # of Perfs/stage WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH	7852 7894 7370 7519 7582 7616 6834 6922 7002	7860 7900 No perfs No perfs 7372 7524 7584 7620 6838 6924 7008	3 3 3 3 3 4 3 4 4 4 4	24 18 42 6 15 8 12 41 41	7845.5 7874.5 7874.5 7883.5 7893.5 CBP DEPTH 7370 7390 7503 7615 CBP DEPTH 6833 6922 7002.5 CBP DEPTH	to to to to to to to to to to to to to t	7/1 7/1 7/1 7/1 7/1 7/1 7/1 7/1 7/1 7/1
5 6	MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage WASATCH WASATCH WASATCH WASATCH # of Perfs/stage WASATCH # of Perfs/stage WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH # of Perfs/stage	7852 7894 7370 7519 7582 7616 6834 6922 7002	7860 7900 No perfs No perfs 7372 7524 7584 7620 6838 6924 7008	3 3 3 3 4 4 3	24 18 42 6 15 8 12 41 16 8 18	7845.5 7874.5 7874.5 7883.5 7893.5 CBP DEPTH 7370 7390 7503 7615 CBP DEPTH 6833 6922 7002.5 CBP DEPTH	to to to to to to to to to to to to to t	7/ 7/ 7/ 7/ 7/ 7/ 7/53 7/61
5 6 7	MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage WASATCH WASATCH WASATCH WASATCH # of Perfs/stage WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH	7852 7894 7370 7519 7582 7616 6834 6922 7002	7860 7900 No perfs No perfs 7372 7524 7584 7620 6838 6924 7008	3 3 3 3 3 4 4 4 4 4 4	24 18 42 6 15 8 12 41 16 8 18	7845.5 7874.5 7874.5 7883.5 7893.5 CBP DEPTH 7370 7390 7503 7615 CBP DEPTH 6833 6922 7002.5 CBP DEPTH	to to to to to to to to to to to to to t	77 77 77 77 77 75 763 761 66 66 70
5 6 7	MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH	7852 7894 7370 7519 7582 7616 6834 6922 7002 6202 6324	7860 7900 No perfs No perfs 7372 7524 7584 7620 6838 6924 7008 6206 6330	3 3 3 3 3 4 4 3 4 4 4 4 3	24 18 42 6 15 8 12 41 16 8 18	7845.5 7874.5 7874.5 7883.5 7893.5 CBP DEPTH 7370 7390 7503 7615 CBP DEPTH 6833 6922 7002.5 CBP DEPTH	to to to to to to to to to to to to to t	77 77 77 77 77 753 761 66 66
5 6 7	MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH # of Perfs/stage WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH	7852 7894 7370 7519 7582 7616 6834 6922 7002	7860 7900 No perfs No perfs 7372 7524 7584 7620 6838 6924 7008	3 3 3 3 3 4 4 4 4 4 4	24 18 42 6 15 8 12 41 16 8 18	7845.5 7874.5 7874.5 7883.5 7893.5 CBP DEPTH 7370 7390 7503 7615 CBP DEPTH 6833 6922 7002.5 CBP DEPTH	to to to to to to to to to to to to to t	77 77 77 77 77 75 753 761 66 61 77
5 6 7	MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH	7852 7894 7370 7519 7582 7616 6834 6922 7002 6202 6324	7860 7900 No perfs No perfs 7372 7524 7584 7620 6838 6924 7008 6206 6330	3 3 3 3 3 4 4 3 4 4 4 4 3	24 18 42 6 15 8 12 41 16 8 18	7845.5 7874.5 7874.5 7883.5 7893.5 CBP DEPTH 7370 7390 7503 7615 CBP DEPTH 6833 6922 7002.5 CBP DEPTH	to to to to to to to to to to to to to t	7/1 7/1 7/1 7/1 7/1 7/2 7/53 7/61 6/6 6/6 6/7 6/20 6/20 6/30 6/30
5 6 7	MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH # of Perfs/stage WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH	7852 7894 7370 7519 7582 7616 6834 6922 7002 6202 6324	7860 7900 No perfs No perfs 7372 7524 7584 7620 6838 6924 7008 6206 6330 6356	3 3 3 3 3 4 4 3 4 4 4 4 3	24 18 42 6 15 8 12 41 16 8 18	7845.5 78745.5 78787.5 7883.5 7883.5 7893.5 CBP DEPTH 7370 7390 7503 7615 CBP DEPTH 6833 6922 7002.5 CBP DEPTH 6201.5 6309 6312.5 6322.5	to to to to to to to to to to to to to t	7/1 7/1 7/1 7/1 7/1 7/2 7/53 7/61 6/6 6/7 620 630 630 630 631
5 6 7	MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage WASATCH	7852 7894 7370 7519 7582 7616 6834 6922 7002 6202 6324	7860 7900 No perfs No perfs 7372 7524 7584 7620 6838 6924 7008 6206 6330 6356 No perfs	3 3 3 3 3 4 4 3 4 4 4 4 3	24 18 42 6 15 8 12 41 16 8 18	7845.5 7874.5 7874.5 7883.5 7893.5 CBP DEPTH 7370 7390 7503 7615 CBP DEPTH 6833 6922 7002.5 CBP DEPTH 6201.5 6309 6312.5 6322.5	to to to to to to to to to to to to to t	7/1 7/1 7/1 7/1 7/2 7/3 7/3 7/61 6/6 6/1 6/1 6/2 6/2 6/3 6/3 6/3 6/3 6/3
5 6 7	MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage WASATCH	7852 7894 7370 7519 7582 7616 6834 6922 7002 6202 6324	7860 7900 No perfs No perfs 7372 7524 7584 7620 6838 6924 7008 6206 6330 6356 No perfs No perfs No perfs	3 3 3 3 3 4 4 3 4 4 4 4 3	24 18 42 6 15 8 12 41 16 8 18	7845.5 7874.5 7874.5 7883.5 7893.5 CBP DEPTH 7370 7390 7503 7615 CBP DEPTH 6833 6922 7002.5 CBP DEPTH 6201.5 6309 6312.5 6322.5 6324.5 6336.5	to to to to to to to to to to to to to t	7/1 7/1 7/1 7/1 7/2 7/3 7/53 7/61 6/6 6/6 6/6 6/3 6/3 6/3 6/3 6/3 6/3 6/3
5 6 7	MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage WASATCH	7852 7894 7370 7519 7582 7616 6834 6922 7002 6202 6324	7860 7900 No perfs No perfs 7372 7524 7584 7620 6838 6924 7008 6206 6330 6356 No perfs No perfs No perfs	3 3 3 3 3 4 4 3 4 4 4 4 3	24 18 42 6 15 8 12 41 16 8 18	7845.5 7874.5 7874.5 7883.5 7893.5 CBP DEPTH 7370 7390 7503 7615 CBP DEPTH 6833 6922 7002.5 CBP DEPTH 6201.5 6309 6312.5 6322.5 6324.5 6336.5 6342.5	to to to to to to to to to to to to to t	7/ 7/ 7/ 7/ 7/ 7/ 7/53 7/61 6/6 6/6 6/30 6.6 632 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3
5 6 7	MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage WASATCH	7852 7894 7370 7519 7582 7616 6834 6922 7002 6202 6324	7860 7900 No perfs No perfs No perfs 7372 7524 7584 7620 6838 6924 7008 6206 6330 6356 No perfs No perfs No perfs No perfs No perfs	3 3 3 3 3 4 4 3 4 4 4 4 3	24 18 42 6 15 8 12 41 16 8 18	7845.5 7874.5 7874.5 7883.5 7893.5 CBP DEPTH 7370 7390 7503 7615 CBP DEPTH 6833 6922 7002.5 CBP DEPTH 6201.5 6309 6312.5 6324.5 6334.5 6342.5 6349.5	to to to to to to to to to to to to to t	77. 77. 77. 77. 77. 77. 76. 76. 76. 66. 6
5 6 7	MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage WASATCH	7852 7894 7370 7519 7582 7616 6834 6922 7002 6202 6324	7860 7900 No perfs No perfs 7372 7524 7584 7620 6838 6924 7008 6206 6330 6356 No perfs No perfs No perfs	3 3 3 3 3 4 4 3 4 4 4 4 3	24 18 42 6 15 8 12 41 16 8 18	7845.5 7874.5 7874.5 7883.5 7893.5 CBP DEPTH 7370 7390 7503 7615 CBP DEPTH 6833 6922 7002.5 CBP DEPTH 6201.5 6309 6312.5 6322.5 6324.5 6336.5 6342.5	to to to to to to to to to to to to to t	77. 77. 77. 77. 77. 77. 76. 76. 76. 66. 6
5 6 7	MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage WASATCH	7852 7894 7370 7519 7582 7616 6834 6922 7002 6202 6324	7860 7900 No perfs No perfs No perfs 7372 7524 7584 7620 6838 6924 7008 6206 6330 6356 No perfs No perfs No perfs No perfs No perfs	3 3 3 3 3 4 4 3 4 4 4 4 3	24 18 42 6 15 8 12 41 41 6 8 18 18 18	7845.5 7874.5 7874.5 7883.5 7893.5 CBP DEPTH 7370 7390 7503 7615 CBP DEPTH 6833 6922 7002.5 CBP DEPTH 6201.5 6309 6312.5 632.5 6324.5 6334.5 6349.5	to to to to to to to to to to to to to t	77. 77. 77. 77. 77. 77. 76. 76. 76. 66. 6
5 6 7	MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage WASATCH	7852 7894 7370 7519 7582 7616 6834 6922 7002 6202 6324 6354	7860 7900 No perfs No perfs No perfs 7372 7524 7584 7620 8838 6924 7008 6206 6330 6356 No perfs No perfs No perfs No perfs No perfs No perfs No perfs No perfs No perfs	3 3 3 3 3 4 4 3 4 4 4 4 3	24 18 42 6 15 8 12 41 16 8 18	7845.5 7874.5 7874.5 7883.5 7893.5 CBP DEPTH 7370 7390 7503 7615 CBP DEPTH 6833 6922 7002.5 CBP DEPTH 6201.5 6309 6312.5 6324.5 6334.5 6342.5 6349.5 6354 CBP DEPTH	to to to to to to to to to to to to to t	77 77 77 77 75 753 761 66 68 70 620 630 632 633 634 66 635
5 6	MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage WASATCH	7852 7894 7370 7519 7582 7616 6834 6922 7002 6202 6324	7860 7900 No perfs No perfs No perfs 7372 7524 7584 7620 6838 6924 7008 6206 6330 6356 No perfs No perfs No perfs No perfs No perfs	3 3 3 3 3 4 4 3 4 4 4 4 3	24 18 42 6 15 8 12 41 41 16 8 18 8	7845.5 7874.5 7874.5 7883.5 7893.5 CBP DEPTH 7370 7390 7503 7615 CBP DEPTH 6833 6922 7002.5 CBP DEPTH 6201.5 6309 6312.5 632.5 6324.5 6334.5 6349.5	to to to to to to to to to to to to to t	77 77 77 77 75 753 761 66 68 70 620 630 632 633 634 66 635
5 6	MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage WASATCH	7852 7894 7370 7519 7582 7616 6834 6922 7002 6202 6324 6354	7860 7900 No perfs No perfs No perfs 7372 7524 7584 7620 8838 6924 7008 6206 6330 6356 No perfs No perfs No perfs No perfs No perfs No perfs No perfs No perfs No perfs	3 3 3 3 3 4 4 3 4 4 4 4 3	24 18 42 6 15 8 12 41 41 6 8 18 18 18	7845.5 7874.5 7874.5 7883.5 7893.5 CBP DEPTH 7370 7390 7503 7615 CBP DEPTH 6833 6922 7002.5 CBP DEPTH 6201.5 6309 6312.5 6324.5 6334.5 6342.5 6349.5 6354 CBP DEPTH	to to to to to to to to to to to to to t	76 76 76 75 75 753 761 66 68 70 620 630 633 634 635
5 6	MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage WASATCH	7852 7894 7370 7519 7582 7616 6834 6922 7002 6202 6324 6354	7860 7900 No perfs No perfs No perfs 7372 7524 7584 7620 6838 6924 7008 6206 6330 6356 No perfs No perfs No perfs No perfs No perfs No perfs No perfs No perfs No perfs	3 3 3 3 4 4 3 4 4 4 3 4	24 18 42 6 15 8 12 41 41 16 8 18 8	7845.5 7874.5 7874.5 7883.5 7893.5 CBP DEPTH 7370 7390 7503 7615 CBP DEPTH 6833 6922 7002.5 CBP DEPTH 6201.5 6309 6312.5 6322.5 6324.5 6336.5 6349.5 6354 CBP DEPTH	to to to to to to to to to to to to to t	78 78 76 75 75 753 761 66 68 70 620 630 633 634 63 635
7 7 8	MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage WASATCH	7852 7894 7370 7519 7582 7616 6834 6922 7002 6202 6324 6354	7860 7900 No perfs No perfs No perfs 7372 7524 7584 7620 6838 6924 7008 6206 6330 6356 No perfs No perfs No perfs No perfs No perfs No perfs No perfs No perfs No perfs	3 3 3 3 4 4 3 4 4 4 3 4	24 18 42 6 15 8 12 41 41 16 8 18 18 42 42 42 42 40	7845.5 7874.5 7874.5 7883.5 7883.5 7883.5 7893.5 CBP DEPTH 7370 7390 7503 7615 CBP DEPTH 6833 6922 7002.5 CBP DEPTH 6201.5 6309 6312.5 6324.5 6324.5 6336.5 6342.5 6349.5 6354 CBP DEPTH	to to to to to to to to to to to to to t	78 78 76 75 75 753 761 66 68 70 620 630 632 633 634 63 635
5 6	MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage WASATCH	7852 7894 7370 7519 7582 7616 6834 6922 7002 6202 6324 6354	7860 7900 No perfs No perfs No perfs 7372 7524 7584 7620 6838 6924 7008 6206 6330 6356 No perfs No perfs No perfs No perfs No perfs No perfs No perfs No perfs No perfs	3 3 3 3 4 4 3 4 4 4 3 4	24 18 42 6 15 8 12 41 41 16 8 18 8	7845.5 7874.5 7874.5 7883.5 7893.5 CBP DEPTH 7370 7390 7503 7615 CBP DEPTH 6833 6922 7002.5 CBP DEPTH 6201.5 6309 6312.5 6322.5 6324.5 6336.5 6349.5 6354 CBP DEPTH	to to to to to to to to to to to to to t	71 71 71 71 71 71 75 761 61 61 620 630 633 633 634 65 65 65 65 65 65 65 65 65 65 65 65 65
5 6 8	MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE # of Perfs/stage WASATCH	7852 7894 7370 7519 7582 7616 6834 6922 7002 6202 6324 6354	7860 7900 No perfs No perfs No perfs 7372 7524 7584 7620 6838 6924 7008 6206 6330 6356 No perfs	3 3 3 3 4 3 4 4 4 4 3 3 4	24 18 42 6 6 15 8 12 41 41 16 8 18 18 42 42 42 40 40	7845.5 7874.5 7874.5 7883.5 7883.5 7883.5 7883.5 CBP DEPTH 7370 7390 7503 7615 CBP DEPTH 6833 6922 7002.5 CBP DEPTH 6201.5 6309 6312.5 6324.5 6324.5 6334.5 6349.5 6354 CBP DEPTH	to to to to to to to to to to to to to t	78 78 78 77 75 75 753 761 68 68 67 70 630 630 633 633 634 635



(Instructions on page 2)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPRO	VED
OMB No. 1004-	0137
Evnirge: July 31	2010

DON	LAC OF LAND WAY	NAGENIENT		UTU-01193		
Do not use this	NOTICES AND REPo form for proposals Use Form 3160-3 (A	ORTS ON WELLS to drill or to re-enter a APD) for such proposa	n als.	6. If Indian, Allottee o	r Tribe Name	
SUBMI	T IN TRIPLICATE – Othe	r instructions on page 2.			ement, Name and/or No.	
1. Type of Well				UNIT #891008900A	•	
Oil Well 🔽 Gas V				8. Well Name and No. NBU 921-14A		
2. Name of Operator KERR McGEE OIL & GAS ONSHO	RE LP			9. API Well No. 4304739249		
3a. Address 1368 SOUTH 1200 EAST VERNAL, UTAH 840	70	3b. Phone No. (include area co	ode)	10. Field and Pool or I	Exploratory Area	
1300 300171 1200 EAST VERNAL, 01AH 840	76	435.781.7024		NATURAL BUTTES	1	
4. Location of Well (Footage, Sec., T.,	R.,M., or Survey Description	i)		11. Country or Parish,	State	
NE/NE SEC. 14, T9S, R21E 1239'FNL, 883'FE	L			UINTAH COUNTY,	UTAH	
12. CHEC	CK THE APPROPRIATE BO	OX(ES) TO INDICATE NATUR	RE OF NOTIO	CE, REPORT OR OTH	ER DATA	
TYPE OF SUBMISSION		T	YPE OF ACT	`ION		
Notice of Intent	Acidize	Deepen	Prod	uction (Start/Resume)	Water Shut-Off	
	Alter Casing	Fracture Treat	Recl	amation	Well Integrity	
Subsequent Report	Casing Repair	New Construction	▼ Reco	omplete	Other	
sweet and report	Change Plans	Plug and Abandon	Tem	porarily Abandon	·	
Final Abandonment Notice	Convert to Injection	Plug Back	Wate	er Disposal		
13. Describe Proposed or Completed O the proposal is to deepen direction. Attach the Bond under which the v following completion of the involv testing has been completed. Final determined that the site is ready for	ally or recomplete horizontal vork will be performed or pro red operations. If the operati Abandonment Notices must	ly, give subsurface locations and ovide the Bond No. on file with on results in a multiple completi	f measured ar BLM/BIA. R on or recomp	nd true vertical depths o Required subsequent rep detion in a new interval.	f all pertinent markers and zone orts must be filed within 30 day a Form 3160-4 must be filed or	s. 's nce
THE OPERATOR HAS PERFORME THE WASATCH AND MESAVERDE AND MESAVERDE FORMATION, A THE SUBJECT WELL LOCATION (E FORMATIONS. THE OI ALONG WITH THE EXIST ON PRODUCTION ON 02	PERATOR HAS COMMINGL ING MESAVERDE FORMAT /22/2009 AT 11:00 AM.	E THE NEW IONS. THE	/LY WASATCH		
PLEASE REFER TO THE ATACHE	D RECOMPLETION CHR	ONOLOGICAL WELL HISTO	PRY.			
				D	ECEIVED	
					LOLIVLD	
		•		*	MAR 0 2 2009	

14. I hereby certify that the foregoing is true and correct.	-	DIV. OF OIL, GAS & MINING
Name (Printed/Typed)	REGULATORY ANALY	ST
Signature////////////////////////////////////	02/24/2009	
THIS STACE FOR FEDERAL	OR STATE OFFIC	E USE
Approved by		
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify	Title	Date
that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person fictitious or fraudulent statements or representations as to any matter within its jurisdiction	knowingly and willfully to ma	ke to any department or agency of the United States any false

TREE NIPPLE UP BOP UNLAND TIBE DY OM MRU CUTTERS RIH W GAUGE RING TO MIRU CUTTERS RIH W GAUGE RING TO MIRU CUTTERS RIH W GAUGE RING TO POOH RIH W 8K CBP SET @ 9048* FILL H PRESS UP TO 2500/6 CDP GAVE UP RIH TIND TAG PUH TO 9038 SET 8K CBP FILL H TEST TO 7500/6 GOD TEST RIH W 3,396 123 GM .36 HOLES PERF @ 8042*-453 SPF 8882*-643 3 SPF 8882*-643 3 SPF 8896*-10' 3 SPF 906*-10' 3 SPF 9014*-18' 3 BLOW SDFN 7:30 - 18:00 10.50 COMP 48 P SAFETY MEETING 7:30 - 18:00 10.50 COMP 36 P MIRU CUTTERS & WEATHERFORD TO FR STAGE #1 BRK PERF @ 3285# INJ RT 51.5 INJ PSI 5000/6 ISIP 2200# FG 69 FRAC W/8 30/50 SAND + 5108# 20/40 RESIN COATED + 2526 BBL SLICKWATER MP 595!# MR 53 AP 44863# AR 50.6 BPM ISIP 3147# FG 80 N 947# STAGE #2 RIH SET 8K CBP @ 88812* PWER 8578*-82' 4 H SET 8FF @ 3158* INJ RT 51 BPM INJ PSI SIP 2872*# FG .77 FRAC W 11717# 30/50 S 517# 20/40 RESIN COATED SAND + 561 E SLICKWATER MP 6426 MR 52.2 BPM AP 46 51.6 BPM ISIP 2697# FG .70 FRAC W/8 INJ PSI SIP 2883*# FG .70 NPI 111# STAGE #3 RIH SET 8K CBP @ 8518* PERF (80052*# 30/50 SAND + 4558# 20/40 RESIN C SAND + 2764 BBL SLICKWATER MP 6134# 52.2 BPM AP 4853* AR 51.3 BPM ISIP 2393** FG .76 FRAC 96052*# 30/50 SAND + 4558# 20/40 RESIN C SAND + 45	Well: NBU 921	-14A		Spud C	onductor	: 3/21/20	08	Spud Date: 3	/31/2008
Active Datum: RKB @4,789.00ft (above Mean Sea	Project: UTAH			Site: Ull	NTAH				Rig Name No: MILES-GRAY 1/1
Date	Event: RECOM	PLETION		Start Da	te: 2/16/	2009			End Date:
Staff-End (hr)		RKB @4,789.00ft (a	above Mean	Sea	UWI: N	IBU 921-	14A		
7.30 - 17:00 9.50 COMP 37 P MIRU KILL WELL W/40 BBL 2 % NIPPLE DO TREE NIPPLE UP BOP UNLAND TBG POO'N IRU CUTTERS RIH WY GAUGE RING TO POOH RIH W MY GAUGE RING TO POOH RIH W MY GAUGE RING TO POOH RIH W MY GAUGE RING TO POOH RIH W MY GAUGE RING TO POOH RIH W MY GAUGE RING TO POOH RIH W MY GAUGE RING TO POOH RIH W MY GAUGE RING TO POOH RIH W MY GAUGE RING TO POOH RIH W MY GAUGE RING TO POOH RIH W MY GAUGE RING TO POOH RIH W MY GAUGE RING TO POOH RIH W MY GAUGE RING TO POOH RIH W MY GAUGE RING TO SEP 4006*10*3 SPF 8082*40*3 SPF 8082*40*4 SPF 8082*40*4 SPF 8082*4 S	Date	Start-End		Phase	Code				Operation
TREE NIPPLE UP BOP UNLAND TBG POOF MIRU CUTTERS RIH W GAUGE RING TOS MIRU CUTTERS RIH W GAUGE RING TOS POOH RIH W 8K CBP SET @ 9048' FILL HI PRESS UP 70 2500# CBP GAVE UP RIH TI NO TAG PUH TO 3908 SET 8K CBP FILL HI TEST TO 7500# GOD TEST RIH W; 3,378 L 2/17/2009 7:00 - 7:30 0.50 COMP 48 P SAFETY MEETING 7:30 - 18:00 10.50 COMP 36 P MIRU CUTTERS 8. WEATHERFORD TO FR STAGE #1 BRK PERF @ 9285# INJ RT 51.5 INJ PS15000# SID 2200# FG 69 FRAC W/8 30/50 SAND + 5109# 20/40 RESIN COATED + 2526 BBL SLICKWATER MP 595# MR 53 AP 4865# AR 50.6 BPM ISIP 3147# FG 80 N 947# STAGE #2 RIH SET 8K CBP @8812* PWER 8578-92* 3 SPF 8732*36' 4 SPF 8778-92* 4 L BRK PERF @ 3158* INJ RT 51 BPM INJ PS ISIP 2872# FG 77 FRAC W 11717# 30/505 S 5177# 2904 RESIN COATED SAND + 561 B SLICKWATER MP 6426 MR 52.2 BPM AP 46 51.6 BPM ISIP 2858* FG 770 NPI 111# STAGE #3 RIH SET 8K CBP @8518* PERF (8300*-10'3 SPF 8348-51'3 SPF 8410-14' 3 S 8486*-88' 3 SPF 8KR PERF @ 4075# INJ PT 1 BPM INJ PSI 5200# ISIP 2209# FG 76 FRAC 96052# 30/50 SAND + 4559# 20/40 RESIN C SAND + 2764 BBL SLICKWATER MP 6134# 52.2 BPM AP 9653# AR 51.3 BPM ISIP 3300 .84 NPI 603# STAGE RIH SET 8K CBP @ 8176* PERF @ 8070*-74' 2 SPF 8132*-34' 4 SPF 8140-46' 4 BRK PERF @ 5519# INJ RT 15 D9 INJ PSI 300 .84 NPI 603# STAGE RIH SET 8K CBP @ 8176* PERF @ 8070*-74' 2 SPF 8132*-34' 4 SPF 8140-46' 4 BRK PERF @ 5519# INJ RT 50.9 INJ PSI 300 .84 NPI 603# STAGE RIH SET 8K CBP @ 8176* PERF @ 8070*-74' 2 SPF 8132*-34' 4 SPF 8140-46' 4 BRK PERF @ 5519# INJ RT 50.9 INJ PSI 300 .84 NPI 603# STAGE RIH SET 8K CBP @ 8176* PERF @ 8070*-74' 2 SPF 8132*-34' 4 SPF 8140-46' 4 BRK PERF @ 5519# INJ RT 50.9 INJ PSI 300 .84 NPI 603# STAGE RIH SET 8K CBP @ 8176* PERF @ 8070*-74' 2 SPF 8132*-34' 4 SPF 8140-46' 4 BRK PERF @ 6153# RN 53.4 SPF 8140-46' 4 BRK PERF @ 6153# RN 53.4 SPF 8140-46' 4 BRK PERF @ 6153# RN 53.4 SPF 8140-46' 4 BRK PERF @ 6153# RN 53.4 SPF 8140-46' 4 BRK PERF @ 6153# RN 53.4 SPF 8140-46' 4 BRK PERF @ 6153# RN 53.4 SPF 8140-46' 4 BRK PERF @ 6153# RN 53.4 SPF 8140-46' 4 BRK PERF @ 6153# RN 53.4 S	2/16/2009		0.50	COMP	48		Р		SAFETY MEETING
7:30 - 18:00 10.50 COMP 36 P MIRU CUTTERS & WEATHERFORD TO FR STAGE #1 BRK PERF @ 3285# INJ RT 51.5 INJ PSI 5000# ISIP 2200# FG, 69 FRAC VM8 30/50 SAND + 5109# 20/40 RESIN COATED + 2526 BBL SLICKWATER MP 5951# MR 53 AP 4865# AR 50.6 PPM ISIP 3147# FG. 80 N 947# STAGE #2 RIH SET 8K CBP @8812* PWER 8578*-82* 3 SPF 8732*-36* 4 SPF 8778*-92* 4 1 BRK PERF @ 3155# INJ RT 51 BPM INJ PSI ISIP 2872# FG. 77* FRAC W 11717# 30/50 S 5177# 20/40 RESIN COATED SAND + 561 E SLICKWATER MP 6426 MR 52.2 BPM AP 46 51.6 BPM ISIP 2983# FG. 70 NPI 111# STAGE #3 RIH SET 8K CBP @8518* PERF @ 4075# INJ RT BPM INJ PSI 5200# ISIP 2897# FG. 76* FRAC 96052# 30/50 SAND + 4559# 20/40 RESIN COATED SAND + 561 E SPM AP 4953# AR 51.3 BPM ISIP 3980 .84 NPI 603# STAGE RIH SET 8K CBP @ 8176* PERF @ 8070*-74*2 SPF 8132*-34* 4 SPF 8140*-46* 4 BRK PERF @ 5519# INJ RT 50.9 INJ PSI 450 SISP 2435# FG. 74* FRAC W/15199# 30/50 S/5076# 20/40 RESIN COATED SAND + 358 SISP 2435# FG. 74* FRAC W/15199# 30/50 S/5076# 20/40 RESIN COATED SAND + 564 SISP 2435# FG. 74* FRAC W/15199# 30/50 S/5076# 20/40 RESIN COATED SAND + 565 SISP 2435# FG. 74* FRAC W/15199# 30/50 S/5076# 20/40 RESIN COATED SAND + 563 SISP 2435# FG. 74* FRAC W/15199# 30/50 S/5076# 20/40 RESIN COATED SAND + 563 SISP 2435# FG. 74* FRAC W/15199# 30/50 S/5076# 20/40 RESIN COATED SAND + 563 SISP 2435# FG. 74* FRAC W/15199# 30/50 S/5076# 20/40 RESIN COATED SAND + 563 SISP 2458# FG. 75* NPI 29#		7:30 - 17:00	9.50	COMP	37		Р		MIRU KILL WELL W/40 BBL 2 % NIPPLE DOWN TREE NIPPLE UP BOP UNLAND TBG POOH MIRU CUTTERS RIH W/ GAUGE RING TO 9100' POOH RIH W/ 8K CBP SET @ 9048' FILL HOLE PRESS UP TO 2500# CBP GAVE UP RIH TO 9060 NO TAG PUH TO 9038 SET 8K CBP FILL HOLE TEST TO 7500# GOOD TEST RIH W/ 3,3/8 GUNS 23 GM .36 HOLES PERF @ 8842'-45' 3 SPF 8882'-84' 3 SPF 8906'-10' 3 SPF 9014'-18' 3 SPF NO BLOW SDFN
STAGE #1 BRK PERF @ 3285# INJ RT 51.5 INJ PSI 5000# ISIP 2200# FG _69 FRAC W/8 30/50 SAND+ 5109# 20/40 RESIN COATED + 2526 BBL SLICKWATER MP 5951# MR 53 AP 4863# AR 50.6 BPM ISIP 3147# FG .80 N 947# STAGE #2 RIH SET 8K CBP @8812* PWER 6578* 92* 3 SPF 8732*-36* 4 SPF 8778*-82* 4. BRK PERF @ 3155# INJ RT 51 BPM INJ PS ISIP 2872# FG .77 FRAC W/ 11717# 30/50 S 5177# 20/40 RESIN COATED SAND+ 561 E SLICKWATER MP 6426 MR 52.2 BPM AP 46 51.6 BPM ISIP 2983# FG .70 NPI 111# STAGE #3 RIH SET 8K CBP @8518* PERF (8306*-10*3 SPF 8348*-51* 3 SPF 8410*-14* 3 S 8486*-88* 3 SPF BRK PERF @ 4075# INJ RT BPM INJ PSI 5200# ISIP 2697# FG .76 FRAC 96052# 30/50 SAND + 4559# 20/40 RESIN C SAND+ 2764 BBL SLICKWATER MP 6134# 52.2 BPM AP 4953# AR 51.3 BPM ISIP 3300 .84 NPI603# STAGE RIH SET 8K CBP @ 8176* PERF @ 8070*-774* 2 SPF 8132*-34* 4 SPF 8140*-46* 4. BRK PERF @ 5519# INJ RT 50.9 INJ PSI 45 ISIP 2435# FG .74 FRAC W/15199# 3050 S, 5076# 20/40 RESIN COATED SAND + 636 B SLICKWATER MP 6153# MR 53.4 BPM AP 4 AR 50.8 BPM ISIP 2464# FG .75 NPI 29#	2/17/2009		0.50	COMP	48		Р		SAFETY MEETING
8070'-74' 2 SPF 8132'-34' 4 SPF 8140'-46' 4 SPK PERF @ 5519# INJ RT 50.9 INJ PSI 45 BRK PERF @ 5519# INJ RT 50.9 INJ PSI 45 ISIP 2435# FG .74 FRAC W/15199# 30/50 S/ 5076# 20/40 RESIN COATED SAND + 636 B SLICKWATER MP 6153# MR 53.4 BPM AP 4 AR 50.8 BPM ISIP 2464# FG .75 NPI 29#		7:30 - 18:00	10.50	COMP	36		P		STAGE #2 RIH SET 8K CBP @8812' PWERF @ 8578'-82' 3 SPF 8732'-36' 4 SPF 8778'-82' 4 SPF BRK PERF @ 3155# INJ RT 51 BPM INJ PSI 5350# ISIP 2872# FG .77 FRAC W/ 11717# 30/50 SAND + 5177# 20/40 RESIN COATED SAND + 561 BBL SLICKWATER MP 6426 MR 52.2 BPM AP 4852# AF 51.6 BPM ISIP 2983# FG .70 NPI 111# STAGE #3 RIH SET 8K CBP @8518' PERF @ 8306'-10'3 SPF 8348'-51' 3 SPF 8410'-14' 3 SPF 8486'-88' 3 SPF BRK PERF @ 4075# INJ RT 51.5 BPM INJ PSI 5200# ISIP 2697# FG .76 FRAC W/ 96052# 30/50 SAND + 4559# 20/40 RESIN COATEI SAND + 2764 BBL SLICKWATER MP 6134# MR 52.2 BPM AP 4953# AR 51.3 BPM ISIP 3300# FG .84 NPI 603#
7852'-60' 3 SPF 7894'-7900' 3 SPF SDFN									8070'-74' 2 SPF 8132'-34' 4 SPF 8140'-46' 4 SPF BRK PERF @ 5519# INJ RT 50.9 INJ PSI 4500# ISIP 2435# FG .74 FRAC W/15199# 30/50 SAND + 5076# 20/40 RESIN COATED SAND + 636 BBL SLICKWATER MP 6153# MR 53.4 BPM AP 4660# AR 50.8 BPM ISIP 2464# FG .75 NPI 29# STAGE # 5 RIH SET 8K CBP @ 7930' PERF @

ROCKIES

Operation Summary Report

Well: NBU 92	21-14A		Spud Co	onductor: 3/21/2	800	Spud Date: 3	/31/2008
Project: UTA	Н		Site: UII	NTAH			Rig Name No: MILES-GRAY 1/1
Event: RECO	MPLETION	***************************************	Start Da	te: 2/16/2009	1		End Date:
Active Datum Level)	: RKB @4,789.00ft (a	above Mean	Sea	UWI: NBU 921	-14A		
Date	Time Start-End	Duration (hr)	Phase	Code Subco de2	P/U	MD From (ft)	Operation
	7:30 - 18:00	10.50	COMP	36	Р		BRK PERF @ 2848# INJ RT 51 BPM INJ PSI 4300# ISIP 1924# FG .69 FRAC W/ 79420# 30/50 SAND + 5234# 20/40# RESIN COATED SAND + 2302 BBL SLICKWATER MP 5289# MR 51.5 BPM AP 4202# AR 51 BPM ISIP 2800# FG .80 NPI 876#
							STAGE #6 RIH SET 8K CBP @ 7390'-92' 3 SPF 7519'-24' 3 SPF 7590'-92' 4 SPF 7616'-20' 3 SPF BRK PERF @ 2357# INJ RT 51.6 BPM INJ PSI 4400# ISIP 1238# FG .61 FRAC W/ 40229# 30/50 SAND + 5038# 20/40 RESIN COATED SAND MP 5846# MR 51.9 BPM AP 4399# AR 51.6 BP ISIP 2576# FG .79 NPI 1338#
							STAGE #7 RIH SET 8K CBP @ 7038' PERF @ 6834'-38' 4 SPF 6922'-24' 4 SPF 7002'-08' 3 SPF BRK PERF @ 2335# INJ RT 51.5 BPM INJ PSI 4400# ISIP 1423@ FG .65 FRAC W/13511# 30/50 SAND + 5135# 20/40 RESIN COATED SAND + 567 BBL SLICKWATER MP 5628# MR 52.1 BPM AP 4294# AR 51.1 BP ISIP 1685# FG .69 NPI 262#
							STAGE # 8 RIH SET 8K CBP @ 6386' PERF @ 6202'-6' 4 SPF 6324'-30' 3 SPF 6354'-56' 4 SPF BRK PERF @ 2005# INJ RT 50 BPM INJ PSI 3000# ISIP 1375# FG .66 FRAC W/ 26427# 30/50 SAND + 5143# 20/40 RESIN COATED SAND + 869 BBL SLICKWATER MP 3510# MR 50.9 BPM AP 2834# AR 49.9 BPM ISIP 1196# FG .63 NPI -179#
							STAGE #9 RIH SET 8K CBP @ 5730' PERF @ 5690'-5700' 4 SPF BRK PERF @ 2114# INJ RT 50 BPM INJ PSI 3250# ISIP 689# FG .56 FRAC W/ 45355# 30/50 SAND + 5049# 20/40 RISEN COATED SAND + 1309 BBL SLAICKWATER MP 3516# MR 50 BPM.3 AP 2625# AR 50 BPM ISIP 1465# FG .70 NPI 776#
							STAGE # 10 RIH SET 8K CBP @5346' PERF @ 5204'-10' 4 SPF 5310'-16' 3 SPF BRK PERF @ 1174# INJ RT 50 BPM INJ PSI 2800# ISIP 845# FG .60 FRAC W/ 55103# 30/50 SAND + 4499# 20/40 RESIN COATED SAND + 1505 BBL SLICKWATER MP 3698# MR 50.3 BP AP 2772# AR 50 BPM ISIP 1603# FG .75 NPI 758# RIH SET 8K CBP @5154' RIG DOWN WEATHERFORD & CUTTERS NIPPLE DOWN FRAC VALVES NIPPLE UP BOP RIH W/ 3,7/8 MILL -POBS TAG @ 5154' RIG UP DRILLING EQUIP SDFN
2/19/2009	7:00 - 7:30	0.50	COMP	48	Р		SAFETY MEETING
	7:30 - 18:00	10.50	COMP		Р		RIG UP SWIVEL BRK CIRC DRILL OUT CBP @ 5154' NO KICK RIH TAG @ 5316' 30' SAND ON CBP DRILL OUT SAND & CBP 5346' RIH TAG @ 5700' 30' SAND ON CBP DRILL OUT SAND COULD NOY DRILL CBP POOH POBS IS PARTED CALL F/FISH ING TOOLS MAKE UP TOOLS 3,7/8 OVERSHOT-B.S JARS RIH FISH TOP @ 5729' LATCH FISH PULL & LAY DOWN 1 JT WELL START TO FLOW SWISDFN
2/20/2009	7:00 - 7:30	0.50	COMP	48	Р		SAFETY MEETING

ROCKIES

Operation Summary Report

Well: NBU 921	-14A		Spud C	onductor	r: 3/21/20	08	Spud Date: 3	/31/2008		
Project: UTAH			Site: UII	NTAH				Rig Name No: MILES-GRAY 1/1		
Event: RECOM	IPLETION		Start Da	te: 2/16/	2009			End Date:		
Active Datum: I Level)	RKB @4,789.00ft (above Mean	Sea	UWI: N	IBU 921-	14A				
Date	Time Start-End	Duration (hr)	Phase	Code	Subco de2	P/U	MD From (ft)	Operation		
2/21/2009	7:30 - 18:00 7:00 - 7:30	0.50	COMP	31		P		500# FCP BLOW WELL DOWN KILL W/ 100BBL 10# BRINE WATER POOH W/ FISH LAY DOWN FISH & TOOLS RIH W/ POBS & 3,7/8 BIT TAG @6356' RIG UP SWIVEL BRK CIRC W/ AIR FOAM DRILL OUT 30' OF SAND & CBP @ 6386' RIH TAG @ 7010' 30' ON CBP DRILL OUT SAND & CBP @ 7038' 200# KICK RIH TAG @ 7620' 30' SAND ON CPB DRILL OUT SAND & CBP @ 7650' 300# KICK RIH TAG @ 7900' 30' SAND ON CBP DRILL OUT SAND & CBP @ 7930' SAFETY MEETING		
2/2 1/2000	7:30 - 17:00	9.50	COMP	31		P				
		3.30		01		•		RIH TAG @ 8148' 30 ' SAND ON CBP DRILL OUT SAND & CBP 200# KICK RIH TAG @ 8488' 30' SAND ON CBP DRILL OUT SAND & CBP @ 8518' 300# KICK RIH TAG @ 7898' 30' SAND ON CBP DRILL OUT SAND & CBP @ 8812' LOST CONE OFF BIT PULL & LAY DOWN 10 JTS 2,3/8 TBG LAND ON WELL HEAD W/ 268 JTS 2,3/8 EOT 8501,99' MIRU CUTTERS PERF TBG @ (NOTE 1 & 1/2 PLUGS LEFT TO DRILL) TBG DETAIL KB 14.00 HANGER .83 268 JTS 2,3/8 L-80 TBG 8483.12 XN-NIPPLE 2.20		
2/22/2009	7:00 -			33	Α			EOT 8501.99 7 AM FLBK REPORT: CP 1500#, TP 1300#, 18/64" CK, 40 BWPH, CUP SAND, LIGHT GAS TTL BBLS RECOVERED: 720 BBLS LEFT TO RECOVER: 13534		
2/23/2009	7:00 -			33	Α			7 AM FLBK REPORT: CP 1700#, TP 1350#, 18/64" CK, 35 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 1605 BBLS LEFT TO RECOVER: 12649		



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT



5. Lease Serial No.

FORM APPROVED OMB NO. 1004-0137 Expires: July 31, 2010

													UTI	J-0119	03	
Ia. Type of Well □ Oil Well ☑ Gas Well □ Dry □ Other b. Type of Completion: □ New Well ☑ Work Over □ Deepen □ Plug Back □ Diff. Resvr										6. If Indian, Allottee or Tribe Name TRIBAL SURFACE						
		Ot	her:										7. L	init or C		Name and No.
2. Name of KERR Mo	Operator GEE OIL	& GAS	ONSHC	RE LP									S. L		ime and Well	No.
3. Address	1368 SOUT	U 1200 EA	STUEDA	IAI LITAI	104070			3a. Phone		lude ar	eu code)		_	FI Wel		
4. Location						lance with Fede	val require	435.781.	7024				_	47392		1.
						ance min I elle	ruirequire	mema)					NA ⁻	rield ar	id Pool or Exp . BUTTES	noratory
At surfac	e NE/NE	E 1239'l	FNL, 88	3'FEL									11.	Sec., T.	, R., M., on Bl or Area	ock and
														an vey	SEC.	14, T9S, R21E
At top pro	od: interval	reported	below										12.	County	or Parish	13. State
At total d													UIN	TAH, (COUNTY	UT
14. Date Spudded 15. Date T.D. Reached 16. Date Completed 02/22/2009 03/21/2008 04/25/2008 □ D & A ✓ Ready to Prod.											Elevatio 7'GL	ons (DF, RKB	. RT. GL)*			
18. Total D	epth: ME	9870				ig Back T.D.:			[A]		epth Bri	dge Plu		MD		
21. Type E			mical Log	gs Run (S	Submit con	ov of each)	TVD			22. V	vas well	cored?	ZIN	TVD	Yes (Submit	analycics
N/A					,	,				\ \v	Vas DST	run?	Z N	。 🗀	Yes (Submit	report)
23. Casing	and Liner I	Record (1	Report al	l strings	set in wel	1)				L	Pirections	ii Surve	2 [7] N	0	Yes (Submit	copy)
Hole Size	Size/Gr	ade V	Vt. (#/ft.)	Top	(MD)	Bottom (MI		e Cementer Depth	333	of Sks of Cer	2-372	Slurry (BI		Cen	ent Top*	Amount Pulled
20"	14" ST	EEL 3	6.7#			40'			28 SX				22/			
12 1/4"	9 5/8" J	25-51-95	5#			2760'			600 S	X						
7 7/8"	4 1/2 I-8	30 1	1.6#	-		9870'			1785	SX						
		-		-		-	-									
				177			-		-			_				
24. Tubing				!												
Size 2 3/8"	8502'	Set (MD)	Pack	er Depth	(MD)	Size	Depth	Set (MD)	Packer	Depth (MD)	Siz	e	Dept	h Set (MD)	Packer Depth (MD)
25. Produci	ng Intervals						26.	Perforation	Record			_				
A) WASA	Formatio	ท		To:	р	Bottom		Perforated In	iterval		Si	ze	No. I	Ioles		Perf. Status
B) MESA\				852'	-	7620' 5204'-7 9018' 7852'-9					0.36		171		OPEN	
(°)	LINDL		- 1	032		9010	7652	7852'-9018'			0.36		155		OPEN	
D)																
27. Acid, Fi	acture, Tre		ement Si	queeze, e	etc.											
5204'-7620		vai	P	MP 546	S5 BBLS	SLICK H2O	& 205 <u>4</u> 90		Amount		pe of Ma	terial				
7852'-901	B'					S SLICK H2O & 205,490# 30/50 OTTOWA SD S SLICK H2O & 310,175# 30/50 OTTOWA SD										
28 Product	on Interna	a1 A														
Date First	Test Date	Hours	Test	k	Dil	Gas	Water	Oil Grav	rity	Gas		Prod	uction M	ethod		
Produced		Tested	Produ		BBL	MCF	BBL	Corr. Al		100	vity					
2/22/09 Choke	3/4/09 Tbg. Press.	24	24 Hr		0 Dil	2034	500	0 707				FEC	OWS FR	COVIVI	ELL	
Size	Flwg.	Press.	Rate		BBL	Gas MCF	Water BBL	Gas/Oil Ratio		We	ll Status					
20/64	SI 1109#	1588#			0	2034	500			PR	RODUC	ING G	AS WE	_L		
28a. Produc			le .	To												
Date First Produced	Test Date	Hours Fested	Test Produ		oil BBL	Gas MC'F	Water BBL	Oil Grav Corr. Al		Gas Gra	vity	Prod	uction M	ethod		
2/22/09	3/4/09	24			0	2034	500				್	FLO	OWS FF	ROM W	ELL _	
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate		Dil BBL	Gas MCF	Water	Gas/Oil		We	ll Status				HE(CEIVED
20/64	SI	0.00	Late				BBL	Ratio		PF	RODUC	ING G	AS WEI	LL	A	CEIVED
20/04	1109#	1588#			0	2034	500								MAR	/ 3 2000

28h Prod	uction - Inte	rval C									
Date First		Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method		
Produced		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity			
Choke	Tbg. Press.		24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status	3		
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio				
28c Prod	uction - Inte	ruol D									
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method		
Produced		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity			
Choke	Гbg. Press.	Csg	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status			
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio	Well Status	,		
			-								
	sition of Gas	S (Solid, us	sed for fuel, vo	ented, etc.,)						
SOLD Sumn	nary of Poro	us Zones	(Include Aqui	forc).				21 5	dia dia Nati		
			•					31. Forma	tion (Log) Markers		
includi recover	ng depth int	zones of perval teste	porosity and c d, cushion use	ontents th ed, time to	ereof: Cored i ol open, flowi	intervals and all on ng and shut-in pr	drill-stem tests, ressures and				
										Тор	
Fort	nation	Тор	Bottom		Desc	criptions, Conten	its, etc.		Name	Meas. Depth	
GREEN RIV	VER	1684'									
DIDDO NEO	× 7	2037'									
BIRDS NES	> 1	2037									
MAHOGAN	ΙΥ	2378'									
WASATCH		5046'	7840'								
MESAVER	DE	7845'	9827'								
32. Addit	ional remark	s (include	plugging pro	cedure):							
		•	. 20 31								
33. Indica	te which ite	ms have be	een attached b	y placing	a check in the	appropriate box	es:				
						Geologic Report		Panart	☐ Directional Survey		
						Core Analysis	Other		in Directional Survey		
									records (see attached instructions)*	
			4FILA UPCI			spice and correc		ATORY ANAL		,	
	ignature		nar.		hm	hun	Date 03/17/20				
					Jus	7	Dail Co. III				
Title 18 U	.S.C. Section	n 1001 and	Title 43 U.S	.C. Sectio	n 1212, make	it a crime for any	person knowingl	y and willfully t	o make to any department or ager	ecy of the United States any	

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Sundry Number: 37766 API Well Number: 43047392490000

	STATE OF UTAH				FORM 9		
I	DEPARTMENT OF NATURAL RESOU DIVISION OF OIL, GAS, AND M		6	5.LEASE DESIGNATION UTU-01193	N AND SERIAL NUMBER:		
SUNDR	RY NOTICES AND REPORTS	S ON	WELLS	6. IF INDIAN, ALLOTTE UTE	EE OR TRIBE NAME:		
Do not use this form for pro current bottom-hole depth, I FOR PERMIT TO DRILL form	7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES						
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 921-14A						
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ON	9. API NUMBER: 43047392490000						
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th	h Street, Suite 600, Denver, CO, 802		NE NUMBER: 720 929-6	9. FIELD and POOL or WILDCAT: 65NATURAL BUTTES			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1239 FNL 0883 FEL		COUNTY: UINTAH					
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NENE Section: 1	STATE: UTAH						
11. CHECI	K APPROPRIATE BOXES TO INDIC	ATE N	ATURE OF NOTICE, REPOR	T, OR OTHER DAT	1		
TYPE OF SUBMISSION			TYPE OF ACTION				
	ACIDIZE		ALTER CASING	CASING REPAIR			
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS		CHANGE TUBING	CHANGE WELL N	AME		
Approximate date from this class.	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	CONVERT WELL 1	TYPE		
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN		FRACTURE TREAT	☐ NEW CONSTRUC	TION		
4/23/2013	OPERATOR CHANGE	i	PLUG AND ABANDON	PLUG BACK			
SPUD REPORT	PRODUCTION START OR RESUME		RECLAMATION OF WELL SITE	RECOMPLETE DIF	FERENT FORMATION		
Date of Spud:	REPERFORATE CURRENT FORMATION		SIDETRACK TO REPAIR WELL	TEMPORARY ABA	ANDON		
	TUBING REPAIR		/ENT OR FLARE	WATER DISPOSAL			
DRILLING REPORT Report Date:	WATER SHUTOFF		SI TA STATUS EXTENSION	APD EXTENSION	-		
Report Date.			SI TA STATUS EXTENSION		<u> </u>		
	WILDCAT WELL DETERMINATION	•	OTHER	OTHER: Production E	nhancement		
The operator cond	completed operations. Clearly show ucted the following workow 04/23/2013. Please see the details. Thank you.	ver/w	ellbore cleanout on	Accepted	ion of Mining ORD ONLY		
NAME (PLEASE PRINT)	PHONE NUM	/BER	TITLE Stoff Populatory Specialist				
Teena Paulo SIGNATURE	720 929-6236		Staff Regulatory Specialist DATE				
N/A			5/9/2013				

Sundry Number: 37766 API Well Number: 43047392490000

					U:	S ROCK	(IES RI	EGION	
								ary Report	
Well: NBU 921-1	14A			Spud Co	nductor: 3	3/21/2008		Spud Date: 3/3	1/2008
Project: UTAH-U		Site: NBI	ite: NBU 921-14A				Rig Name No: SWABBCO 8/8		
Event: WELL W	ORK EXP	PENSE		Start Dat	e: 4/19/20	113			End Date: 4/23/2013
Active Datum: R	KB @4,78	89.00usft (al	oove Mean Se	- 1	1	BU 921-14	A		
Level) Date		Time art-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
4/19/2013	7:00	- 7:15	0.25	MAINT	48	Code	P	(usit)	HSM, JSA
	7:15	- 9:00	1.75	MAINT	30	Α	Р		75# FCP, MIRU, CONTROL CSG W/ 30 BBLS T-MAC, ND WH, NU BOP'S, RU FLOOR & TBG EQUIP
	9:00	- 12:00	3.00	MAINT	31	I	P		UNLAND TBG, TIH W/ 2-3/8" TBG, TAG FILL @ 9,550' (210' ABOVE BTM PERFS), MIRU SCAN TECH, TOOH SCANNING TBG, SCANNED OUT 72 JTS TBG & TRIED TO PUMP DN TBG W/ RIG PUMP, TBG PRESSURED UP & HELD, SUHT DN & WAIT FOR TBG PUNCH
	12:00	- 14:30	2.50	MAINT	34	Н	Р		MIRU CASED HOLE SOULTIONS, RIH W/ 4 SHOT TBG PUNCHER, PERF TBG @ 6,300', POOH RD CASED HOLE SOULTIONS
		- 17:30	3.00	MAINT	31	I	Р		TOOH SCANNING REMAINING 197 JTS TBG, SCAN SHOWED 258 GOOD JTS & 11 BAD, 10 JTS WERE REJECTED DUE TO WALL LOSS GREATER THAN 30% & THE BOTTEM JNT HAD PERF HOLES IN IT
		- 18:00	0.50	MAINT	30	С	Р		DRAIN PUMP & LINES, SDFWE.
4/22/2013		- 7:15	0.25	MAINT	48		Р		HSM, JSA
	7:15	- 9:45	2.50	MAINT	31	I	Р		100# FCP, CONTROL WELL W/ 20 BBLS T-MAC, P/U 3-7/8" MILL, TIH W/ 2-3/8" TBG, TAG FILL @ 9,528' (232' ABOVE BTM PERF)
	9:45	- 13:45	4.00	MAINT	44	D	Р		MIRU PWR SWVL, MIRU GROSS FOAM, ESTB CIRC IN 2 HRS, C/O FROM 9,528' - 9,820' (60' BELOW BTM PERF), CIRC WELL CLEAN FOR 40 MINS
	13:45	- 17:00	3.25	MAINT	31	I	Р		TOOH W/ 2-3/8" TBG, LD 3-7/8" MILL, SWI, SDFN
4/23/2013	7:00	- 7:15	0.25	MAINT	48		Р		HSM, JSA
	7:15	- 11:00	3.75	MAINT	31	I	Р		M/U LSN, TIH W/ 2-3/8" TBG, BROACH TBG W/ 1.910 BROACH EVERY 40 STANDS, LAND TBG ON HANGER W/ 256 JTS TOTAL, 238 JTS L-80, 18 JTS J-55
	11:00	- 12:30	1.50	MAINT	30	С	Р		ND BOP'S, NU WH, DROP STANDING VALVE & PRESSURE TEST TBG TO 500 PSI
		- 14:30	2.00	MAINT	42	В	Р		MIRU SANDLINE EQUIP, MAKE TWO SWAB RUNS, RIH RETRIEVE STANDING VALVE
	14:30	- 17:00	2.50	MAINT	30	С	Р		RD MOVE TO NBU 921-22C PAD
									KB 14' HANGER .83' 238 JTS L-80 TBG 7,524.66' 18 JTS J-55 TBG 551.82' LSN 1.50' EOT @ 8,092.81' TWLTR 250 BBLS
4/24/2013	7:00	- 17:30	10.50	MAINT	42				FLUID LEVEL WAS 5400'. BEGAN SWABBING AND MADE 10 RUNS, BUT DID NOT GET WELL ON.
4/25/2013	7:00	- 17:00	10.00	MAINT	42				FLUID LEVEL WAS 5100'. BEGAN SWABBING AND MADE A TOTAL OF 6 RUNS. TRIED TO DROP A PLUNGER IN AND IT DID NOT COME BACK.

5/9/2013 2:01:04PM 1

Sundry Number: 37766 API Well Number: 43047392490000												
US ROCKIES REGION												
Operation Summary Report												
Well: NBU 921-14A Spud Conductor: 3/21/2008 Spud Date: 3/31/2008												
Project: UTAH-U	INTAH	Site: NBL	J 921-14 <i>P</i>	١			Rig Name No: SWABBCO 8/8					
Event: WELL WO	ORK EXPENSE		Start Date	e: 4/19/2013				End Date: 4/23/2013				
Active Datum: RI Level)	KB @4,789.00usft (al	oove Mean S	ea	UWI: NBU 921-14A								
Date	Time Duration Start-End (hr)		Phase	Code	Sub Code	P/U	MD From (usft)	Operation				
4/26/2013	7:00 - 17:00	10.00	MAINT	42				FLUID LEVEL WAS 4800'. BEGAN SWABBING AND MADE A TOTAL OF 5 RUNS. TRIED TO DROP PLUNGER 2 TIMES AND IT DID NOT COME UP.				

5/9/2013 2:01:04PM 2